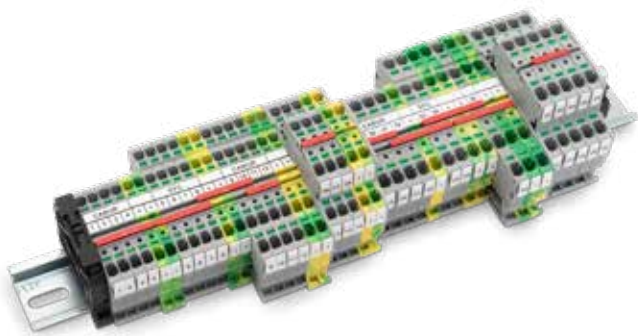




Industrial connectivity solutions

2026 EDITION

OVER
70
YEARS

Industrial Connectivity Solutions

2026 EDITION



WARNINGS

The characteristics of the products contained in this catalogue are not binding for Cabur and can be changed, without prior notice, due to production requirements or to improve the products. Hence, please contact our technical-commercial network for any necessary confirmations or updates. You can find additional information about this and other Cabur products at our website www.cabur.eu

The Company

Founded in Italy in 1952, Cabur quickly conquered the role of leader amongst the national manufacturers of terminal blocks for electrical panels, always paying particular attention to the needs of installers and to cutting-edge technological solutions.

Today the company develops and manufactures a wide range of products for the electrotechnical and electronic industry which are renowned for their reliability even in extreme conditions of use.

The current production is the result of the many years of experience gained by Cabur as a partner of the main national bodies and companies, perfected through actions and collaborations abroad and includes:

- Connections for electrical panels
- Automation and control solutions
- Industrial marking systems
- E-mobility and Renewable Energy solutions.

The wide and diversified offer guarantees a level of flexibility and unique ability to find solutions tailored to specific needs, which enables us to respond to the most varied and complex installation needs.

Always oriented towards the improvement of its products, in recent years Cabur has responded to the Industry 4.0 project with the expansion of production facilities and important product innovations.

In pursuing a corporate culture based on Total Quality, Cabur has adopted the main European directives of the reference market and collaborates with the most prestigious national and foreign Institutes and Laboratories.

Its products are the result of qualitative choices of particular relevance in the field of raw materials used that, in addition to providing an ample guarantee of functionality and reliability over time, also work in full compliance with all the Norms, Regulations, Laws and applicable requirements, binding and self-adopted, with full satisfaction of all compliance obligations.



INDUSTRIAL CONNECTIVITY
SOLUTIONS



AUTOMATION AND CONTROL
SOLUTIONS



INDUSTRIAL MARKING
SOLUTIONS



E-MOBILITY AND RENEWABLE
ENERGY SOLUTIONS.



www.cabur.eu



SPRING CLAMP TERMINAL BLOCKS WITH PUSH-IN TECHNOLOGY

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SPRING CLAMP TERMINAL BLOCKS

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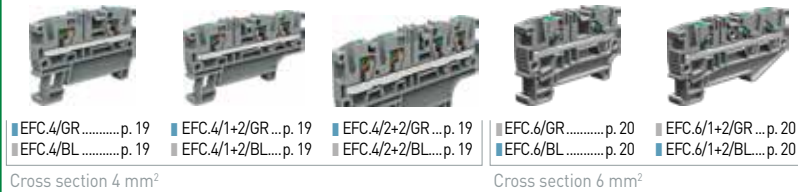
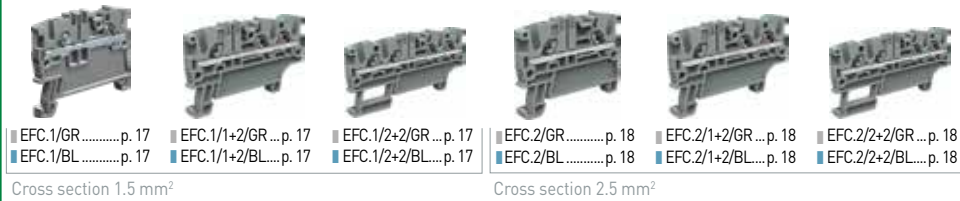
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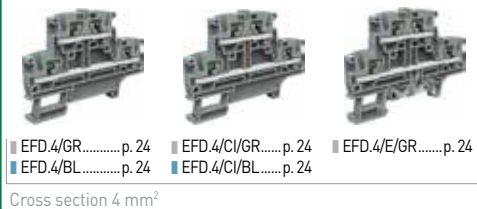
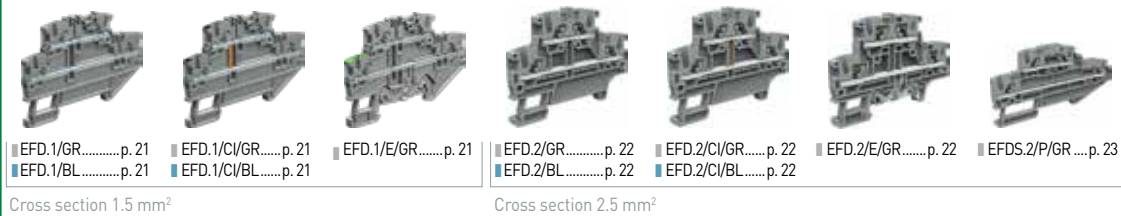
PUSH-IN TECHNOLOGY TERMINAL BLOCKS

FEED THROUGH

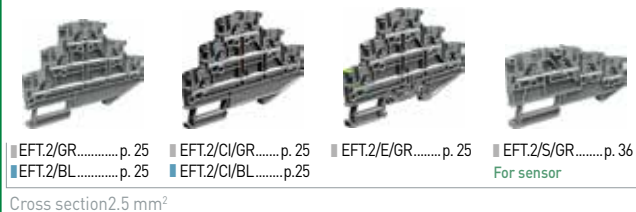
ONE LEVEL



TWO LEVELS

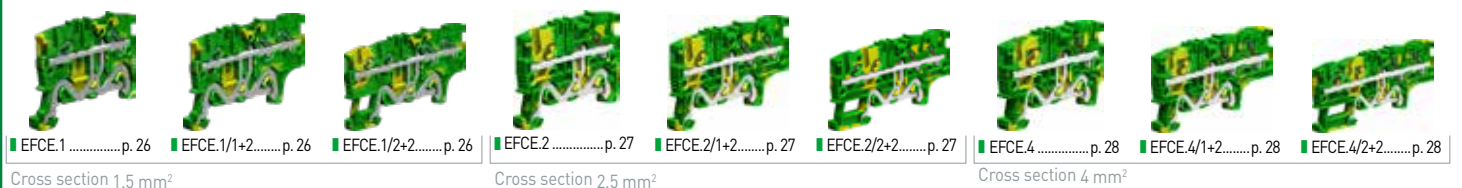


THREE LEVELS



GROUND

ONE LEVEL



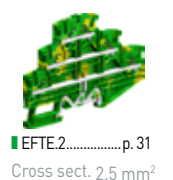
ONE LEVEL



TWO LEVELS



THREE LEVELS



PUSH-IN TECHNOLOGY TERMINAL BLOCKS

DISCONNECT

ONE LEVEL



■ EFS.2/GR p. 32
■ EFS.2/BL p. 32
■ EFS.4/GR p. 32
■ EFS.4/BL p. 32

Cross sect. 2.5 mm² Cross sect. 4 mm²

TWO LEVELS



■ EFDS.2/GR p. 33 ■ EFDS.2/1S/GR .. p. 33

Cross section 2.5 mm²

FUSE HOLDER

ONE LEVEL



■ CPFE.2+ EFS.2/GR p.35 ■ CPFE.4+ EFS.4/GR p.35
■ EFF.4/GR p. 34 ■ EFF.4/C48/GR ... p. 34 ■ EFF.4/C230/GR .p. 34
■ EFF.4/BL p. 34

Cross section 2.5 mm²

Cross section 4 mm²

TWO LEVELS



■ CPFE.2+ EFDS.2/GR...p.35 ■ CPFE.2+ EFDS.2/1S/GR...p.35

Cross section 2.5 mm²

SPRING CLAMP TERMINAL BLOCK

FEED THROUGH

ONE LEVEL



■ HMM.1/GR p. 39 ■ HMM.1/1+2/GR p. 39 ■ HMM.1/2+2/GR p. 39 ■ HMM.2/GR p. 40 ■ HMM.2/1+2/GR .. p. 40 ■ HMM.2/2+2/GR p. 40 ■ HMM.4/GR p. 41 ■ HMM.4/1+2/GR p. 41 ■ HMM.4/2+2/GR p. 41
■ HMM.1 [Ex]i p. 39 ■ HMM.1/1+2 [Ex]i p. 39 ■ HMM.1/2+2 [Ex]i p. 39 ■ HMM.2 [Ex]i p. 40 ■ HMM.2/1+2 [Ex]i p. 40 ■ HMM.2/2+2 [Ex]i p. 40 ■ HMM.4 [Ex]i p. 41 ■ HMM.4/1+2 [Ex]i p. 41 ■ HMM.4/2+2 [Ex]i p. 41

Cross section 1.5 mm²

Cross section 2.5 mm²

Cross section 4 mm²



■ HMM.6/GR p. 42 ■ HMM.10/GR p. 42 ■ HMM.16/GR p. 42 ■ HMR.16/D/GR... p. 43
■ HMM.6 [Ex]i p. 42 ■ HMM.10 [Ex]i p. 42 ■ HMM.16 [Ex]i p. 42

Cross sect. 6 mm²

Cross sect. 10 mm²

Cross section 16 mm²

TWO LEVELS



■ HMD.1/GR p. 44 ■ HMD.1/CI/GR p. 44 ■ HMD.2N/GR p. 45 ■ HMD.2N/CI/GR p. 45 ■ HMD.2/GR p. 46
■ HMD.1 [Ex]i p. 44 ■ HMD.2N [Ex]i p. 45

Cross section 1.5 mm²

Cross section 2.5 mm²

THREE LEVELS



■ HLD.2/GR p. 47 ■ HLD.2/CI/GR p. 47 ■ HDE.2/GR p. 47
■ HLD.2 [Ex]i p. 47

Cross section 2.5 mm²

FOR ELECTRONIC COMPONENTS



■ HMD.1/X/GR p. 57 ■ HMD.2N/X/GR... p. 57 ■ HMD.2N/X1/GR p. 57 ■ HMD.2N/DD/GR p. 58 ■ HMD.2N/3DC/GR ..p. 58

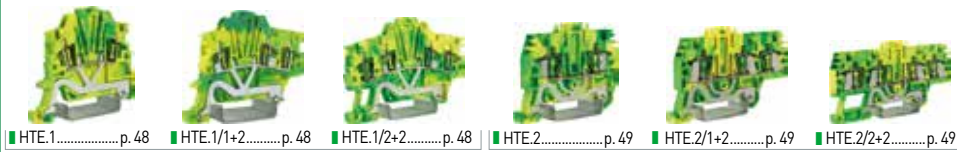
Cross sect. 1.5 mm²

Cross section 2.5 mm²

SPING CLAMP TERMINAL BLOCKS

GROUND

ONE LEVEL



Cross section 1.5 mm²

Cross section 2.5 mm²



Cross section 4 mm²

Cross sect. 6 mm²

Cross sect. 10 mm²

Cross sect. 16 mm²

THREE LEVELS



HTTE.2p. 52

Cross sect. 2.5 mm²

DISCONNECT

ONE LEVEL



Cross section 2.5 mm²

FOR TEST AND MEASUREMENTS

ONE LEVEL



Cross sect. 4 mm²

Cross section 6 mm²

FUSE HOLDER

ONE LEVEL

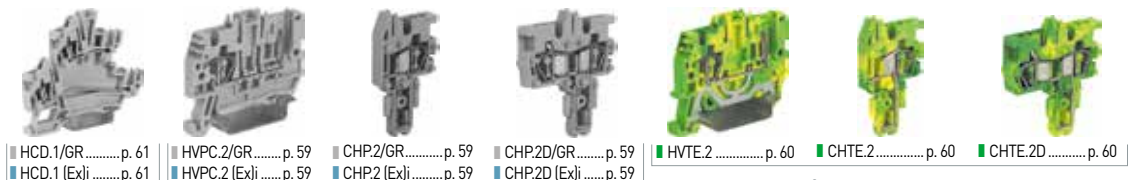


Cross sect. 2.5 mm²

Cross section 4 mm²

FOR CONNECTORS

ONE LEVEL AND TWO LEVELS



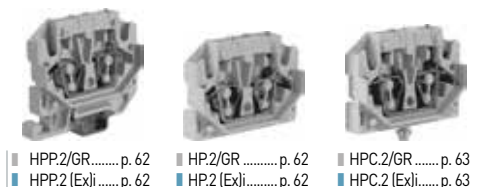
Cross sect. 1.5 mm²

Cross section 2.5 mm²

Cross section 2.5 mm²

MINI TERMINAL BLOCKS

ONE LEVEL

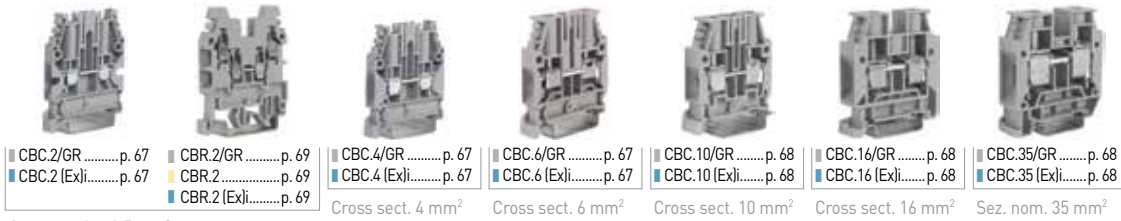


Cross section 2.5 mm²

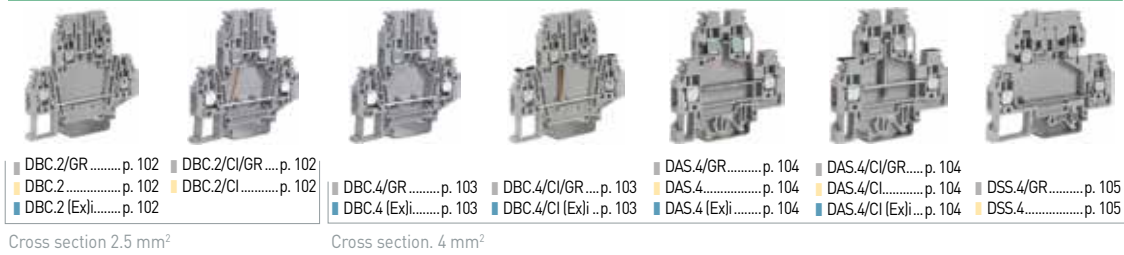
CREW CLAMO TERMINAL BLOCKS

FEED THROUGH

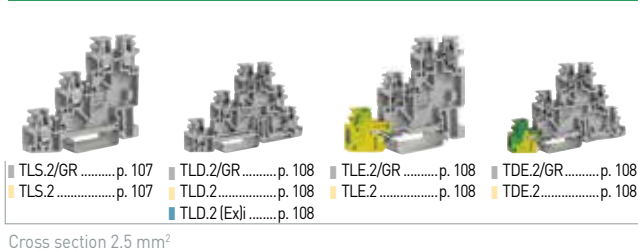
ONE LEVEL



TWO LEVELS



THREE LEVELS FOR SENSORS



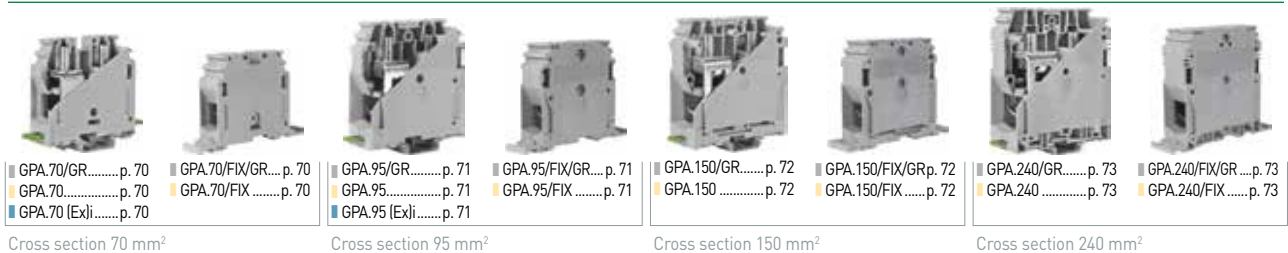
FEED THROUGH

ONE LEVEL



HIGH CURRENT

ONE LEVEL



SCREW CLAMP TERMINAL BLOCKS

HIGH CURRENT

BOLT - BOLT WIRING



GPM.95/BB p. 83

GPM.95/BB/FIX. p. 83

GPM.95/C/BB p. 92

GPM.95/C/BB/FIX. p. 92

GPM.150/BB p. 85

GPM.150/C/BB p. 92

GPM.150/BB/FIX p. 84

GPM.150/C/BB/FIX p. 93

GPM.95/BB/GR p. 83

GPM.95/BB/FIX/GRp. 83

GPM.95/O/BB p. 92

GPM.95/O/BB/FIX. p. 92

GPM.150/BB/GR p. 85

GPM.150/O/BB p. 92

GPM.150/BB/FIX/GRp. 84

GPM.150/O/BB/FIX p. 93

Cross section 95 mm²

Cross section 150 mm²



GPM.240/BB p. 85

GPM.240/BB/FIX p. 85

GPM.240/C/BB p. 93

GPM.240/C/BB/FIX p. 93

GPM.240/BB/GR p. 85

GPM.240/BB/FIX/GRp. 85

GPM.240/O/BB p. 93

GPM.240/O/BB/FIX p. 93

Cross section 240 mm²

SCREW - BOLT WIRING



GPM.95/BC p. 86

GPM.95/BC/FIX. p. 86

GPM.150/BC p. 87

GPM.150/BC/FIXp. 87

GPM.240/BC p. 88

GPM.240/BC/FIXp. 88

GPM.95/BC/GR p. 86

GPM.95/BC/FIX/GRp. 86

GPM.150/BC/GRp. 87

GPM.150/BC/FIX/GRp. 87

GPM.240/BC/GRp. 88

GPM.240/BC/FIX/GR p. 88

Cross section 95 mm²

Cross section 150 mm²

Cross section 240 mm²

SCREW - SCREW WIRING



GPM.95/CC p. 89

GPM.95/CC/FIX. p. 89

GPM.150/CC p. 90

GPM.150/CC/FIXp. 90

GPM.240/CC p. 91

GPM.240/CC/FIXp. 91

GPM.95/CC/GR p. 89

GPM.95/CC/FIX/GRp. 89

GPM.150/CC/GRp. 90

GPM.150/CC/FIX/GRp. 90

GPM.240/CC/GRp. 91

GPM.240/CC/FIX/GRp. 91

Cross section 95 mm²

Cross section 150 mm²

Cross section 240 mm²

HIGH CURRENT ACB SERIE

BOLT - BOLT WIRING



ACB.70/BB p. 94

ACB.120/BB p. 94

ACB.185/BB p. 94

Cross sect.70 mm²

Cross sect.120 mm²

Cross sect.185 mm²

HIGH CURRENT MBL SERIE

BOLT WIRING



MBL50/6 p. 96

MBL.95/8 p. 96

MBL.120/10 p. 97

MBL.150/12 p. 97

Cross sect.50 mm²

Cross sect. 95 mm²

Cross sect.120 mm²

Cross sect.150 mm²

HIGH CURRENT BCA SERIE

BOLT - BOLT WIRING



BCA.70/BB p. 95

BCA.120/BB p. 95

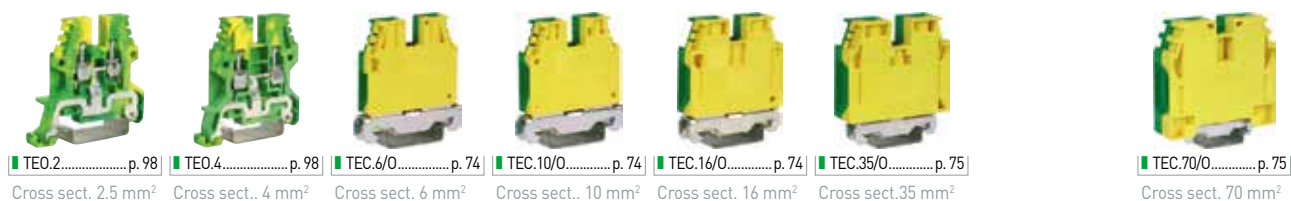
Cross sect.70 mm²

Cross sect.120 mm²

SCREW CLAMP TERMINAL BLOCKS

GROUND

ONE LEVEL (for CBC serie, DIN TH35 rail)

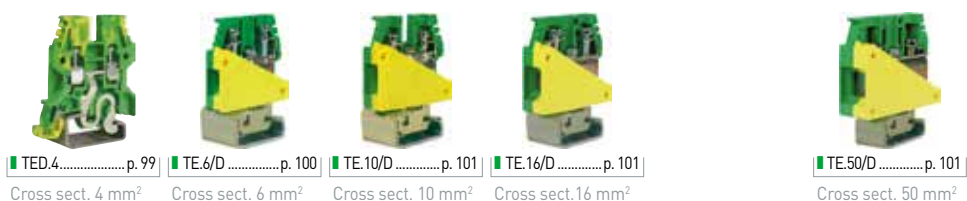


GROUND

ONE LEVEL (for CBD serie, DIN TH35 rail)

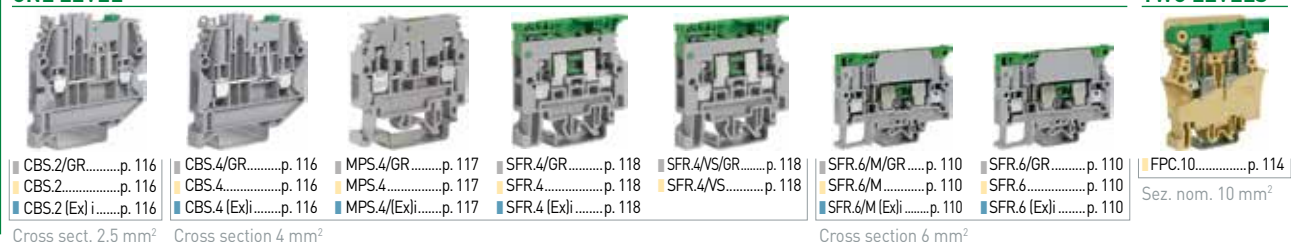


ONE LEVEL (for CBD serie, G32 rail)



DISCONNECT

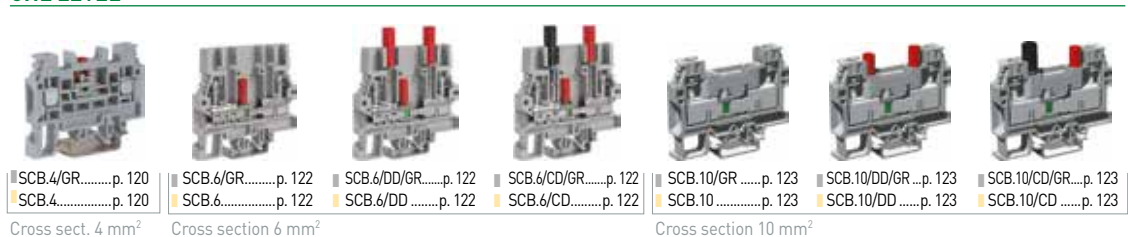
ONE LEVEL



TWO LEVELS

DISCONNECT
FOR TEST CIRCUIT

ONE LEVEL



FUSE HOLDER

CBF4/GR..... p. 109	SFR.4/GR..... p. 109	CBF4/C48/GR.... p. 115	SFR.4/C48..... p. 115	MPFA.4/GR..... p. 113	SFR.6/M/GR..... p. 119	SFR.6/GR..... p. 119
CBF.04..... p. 109	SFR.4..... p. 109	CBF4/C230/GR... p. 115	SFR.4/C230..... p. 115	MPFA.4..... p. 113	SFR.6/M..... p. 119	SFR.6..... p. 119
CBF4 [Ex]I..... p. 109	SFR.4 [Ex]I..... p. 109		SFR.4/C48/GR.... p. 115	For blade fuse	SFR.6/M [Ex]I ... p. 119	SFR.6 [Ex]I..... p. 119
			SFR.4/C230/GR... p. 115	Cross sect. 4 mm ²		Cross section 4 mm ²

Cross section 4 mm²

Cross sect. 4 mm²

Cross section 6 mm²

FPC.10..... p. 114
 FPL10/C..... p. 114
 FPL10/L..... p. 114
 FPL10/C48..... p. 115
 FPL10/C230..... p. 115
 DSF4/GR..... p. 112
 DSFA4/GR..... p. 113

Cross section 10 mm^2

Cross section 4 mm²

■ SFR 4/GR p. 124
 ■ SFR 4/D1A/GR p. 124
 ■ SFR 4/D3A/GR p. 124

Cross section 4 mm²

■ DAS.4/D5/GR...p. 126 ■ DAS.4/D12/GR.....p. 126 ■ DAS.4/D24/GR.....p. 127 ■ DAS.4/D60/GR.....p. 127 ■ DAS.4/V24/GR.....p. 128 ■ DAS.4/V48/GR.....p. 128 ■ DAS.4/V120/GR....p. 129 ■ DAS.4/V230/GR....p. 129 ■ DAS.4/A/GR.....p. 130
 ■ DAS.4/D5.....p. 126 ■ DAS.4/D12.....p. 126 ■ DAS.4/D24.....p. 127 ■ DAS.4/D60.....p. 127 ■ DAS.4/V24.....p. 128 ■ DAS.4/V48.....p. 128 ■ DAS.4/V120.....p. 129 ■ DAS.4/V230.....p. 129 ■ DAS.4/A.....p. 130

Cross section 4 mm²

Cross section 4 mm^2

■ DAS.4/B/GR.....p. 130 ■ DAS.4/C/GR.....p. 131 ■ DAS.4/D/GR.....p. 131 ■ DAS.4/E/GR.....p. 132 ■ DAS.4/I/GR.....p. 132 ■ DAS.4/L/GR.....p. 133 ■ DAS.4/DD/GR..p. 133 ■ DAS.4/T/GR.....p. 134 ■ DAS.4/U/GR.....p. 134
 ■ DAS.4/B.....p. 130 ■ DAS.4/C.....p. 131 ■ DAS.4/D.....p. 131 ■ DAS.4/E.....p. 132 ■ DAS.4/I.....p. 132 ■ DAS.4/L.....p. 133 ■ DAS.4/DD.....p. 133 ■ DAS.4/T.....p. 134 ■ DAS.4/U.....p. 134

Cross section 4 mm²

 AF0.2/1+1p. 135
 AF0.2/2+2p. 135
 PDF2p. 136
 PDF2p. 136
 FDP2p. 136
 FDP2p. 136
 CVP4p. 136
 CVP4p. 136

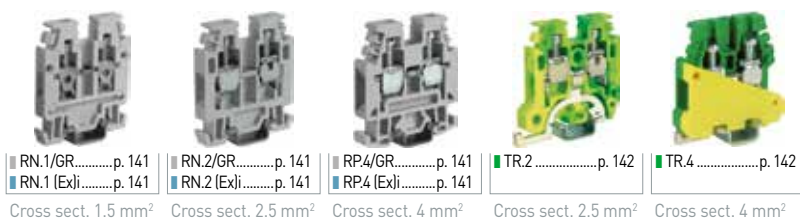
Connessione spina piatta

- VPD.2/GR.....p. 139
- VPD.2 (Ex)ip. 139

SCREW CLAMP TERMINAL BLOCKS

MINI TERMINAL BLOCKS

ONE LEVEL



■ RN.1/GR.....p. 141	■ RN.2/GR.....p. 141	■ RP.4/GR.....p. 141	■ TR.2p. 142	■ TR.4p. 142
■ RN.1 (Ex)i.....p. 141	■ RN.2 (Ex)i.....p. 141	■ RP.4 (Ex)i.....p. 141		
Cross sect. 1.5 mm ²	Cross sect. 2.5 mm ²	Cross sect. 4 mm ²	Cross sect. 2.5 mm ²	Cross sect. 4 mm ²

ACCESSORIES.....p. 173

TERMINAL BOARDS

TERMINAL BOARDS

MODULAR MULTI POLE



■ BPL.4.....p. 143	■ TPL.4.....p. 143	■ BPL/R.....p. 143	■ BPL.4/PS.....p. 144	■ TPL.4/PS.....p. 144
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DISCONNECT



■ CF.12/1+1.....p. 145	■ CF.12/2+2.....p. 145	■ MZ.....p. 148
■ CF.12/CPT.....p. 145		

DISTRIBUTION TERMINAL BOARDS

QBLOK

ONE POLE



QBLOK.....p. 149	POLM.....p. 157	QBLOK.....p. 150 - 152
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TWO POLES



QBLOK.....p. 153

FOUR POLES



QBLOK.....p. 154 - 156

FLYING

LEVEL

UC SERIE



UC.....p. 161	UC.....p. 161
Cross section 2.5 mm ²	Cross section 4 mm ²



UCKIT.....p. 161	UCKIT.....p. 161
Cross sect. 2.5 mm ²	Cross sect. 4 mm ²

SCREW

ONE POLE CONTC SERIE



CONTC.....p. 158-159

MULTI POLE CONTC SERIE

12 POLES CAMUT SERIE



CAMUT.....p. 160

Spring-Clamp Terminal Blocks with Push-In Technology



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

The new line of EFC products with Push-in connection technology offers a fast, reliable and efficient wiring of all cable types.

REDUCTION OF INSTALLATION TIME, INCREASED PERFORMANCE

The Push-in technology allows the wiring of rigid cables or flexible cables with or without ferrules. Rigid cables, or flexible with ferrules, are directly inserted in the terminal, with no tooling required to open the clamp spring: just pressing the wire is sufficient to provide a safe and durable electrical connection.

DIRECT PLUG-IN

Connection is so simple, precise and accurate that a switchboard can be wired with a single hand, without impacting performance. This also improves ergonomics. To connect flexible cables without a ferrule, just push the coloured button to open the spring clip and insert the properly stripped cable.

WIRE RELEASE BUTTONS: SPEED, SIMPLICITY AND SAFETY

To remove the wire from the terminal, just press the release button with any tool to open the spring. Release buttons, highlighted by different colours, prevent operators from making mistakes or coming into contact with potentially live parts, even in settings with a high concentration of links.



Speed

The Push-in technology helps reducing wiring times up to 75%.



Safety

An isolated button, identified with a different colour, protects the operator from indirect electrical contacts.



Quality

Having passed all the ATEX Directives, UL and EN60947-7 standards tests, these devices are suitable for any use and environment.



Simplicity

The stainless-steel spring designed by Cabur ensures optimal connection and prevents accidental removal.



Innovation

A compact and highly-visible design optimizes space in automation and control boards.



Efficiency

At last, one single hand is enough to wire an EFC series clamp, for a smoother workflow.

EFC.1 SERIES

PUSH-IN TECHNOLOGY 1 LEVEL FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button

IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details



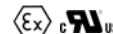
GREY VERSION	PART NUMBER TYPE	EFC100GR	EFC.1/GR	EFC110GR	EFC.1/1+2/GR	EFC120GR	EFC.1/2+2/GR
BLUE VERSION	PART NUMBER TYPE	EFC100BL	EFC.1/BL	EFC110BL	EFC.1/1+2/BL	EFC120BL	EFC.1/2+2/BL

TECHNICAL CHARACTERISTICS



Function/type	Feed-through	Feed-through	Feed-through
Rated cross-section	1.5 mm ²	1.5 mm ²	1.5 mm ²
Connecting capacity	Flexible wire	0.2-1.5 mm ²	0.2-1.5 mm ²
	Rigid wire	0.2-1.5 mm ²	0.2-1.5 mm ²
	Wire with ferrule - ferrule type	1.5 mm ² - WP15/14	1.5 mm ² - WP15/14
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	630 V	630 V
	Current with rated cross-section	17.5 A	17.5 A
	Caliber	A1 - B1	A1 - B1
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300V (UG D) - 150V (UG B,C)	300V (UG D) - 150V (UG B,C)
	Current with rated cross-section	15 A	15 A
	Section (min-max)	26-14 (AWG)	26-14 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	440 V	440 V
	Current with rated cross-section	17 A	17 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length	8 mm	8 mm	8 mm
Width (pitch)	3.5 mm	3.5 mm	3.5 mm
Length	44.9 mm	56.4 mm	68 mm
Height mounted on TH35-7.5/TH35-15/G32	36.5 / 44 / - mm	36.5 / 44 / - mm	36.5 / 44 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES				
End section	Grey	EFC.1/PT/GR (cod. EFC101GR)	EFC.1/1+2/PT/GR (cod. EFC111GR)	EFC.1/2+2/PT/GR (cod. EFC121GR)
	Blue	EFC.1/PT/BL (cod. EFC101BL)	EFC.1/1+2/PT/BL (cod. EFC111BL)	EFC.1/2+2/PT/BL (cod. EFC121BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	[1]	EFB.1/.../... (cod. EFB01...)	EFB.1/.../... (cod. EFB01...)	EFB.1/.../... (cod. EFB01...)
	Rated current carrying capacity IEC/ATEX	17.5 A / 16 A	17.5 A / 16 A	17.5 A / 16 A
Coloured partition plate		DfE.1+1/R (cod. DfE01R)	DfE.1+2/R (cod. DfE02R)	DfE.2+2/R (cod. DfE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
	Single marking tag for pitch insertion	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

EFC.2 SERIES

PUSH-IN TECHNOLOGY 1 LEVEL FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

[1] See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	EFC200GR	EFC.2/GR	EFC210GR	EFC.2/1+2/GR	EFC220GR	EFC.2/2+2/GR
BLUE VERSION	PART NUMBER TYPE	EFC200BL	EFC.2/BL	EFC210BL	EFC.2/1+2/BL	EFC220BL	EFC.2/2+2/BL

TECHNICAL CHARACTERISTICS

Function/type	Feed-through	Feed-through	Feed-through
Rated cross-section	2.5 mm ²	2.5 mm ²	2.5 mm ²
Connecting capacity	Flexible wire	0.2-4 mm ²	0.2-4 mm ²
	Rigid wire	0.2-4 mm ²	0.2-4 mm ²
	Wire with ferrule - ferrule type	2.5 mm ² - WP25/19	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	800 V	800 V
	Current with rated cross-section	24 A	24 A
	Caliber	A3	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V	600 V
	Current with rated cross-section	20 A	20 A
	Section (min-max)	24-12 (AWG)	24-12 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	500 V	500 V
	Current with rated cross-section	20 A	20 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length	9 mm	9 mm	9 mm
Width (pitch)	5.2 mm	5.2 mm	5.2 mm
Length	49.6 mm	63.1 mm	76.6 mm
Height mounted on TH35-7.5/TH35-15/G32	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0



APPROVALS AND MARKINGS

ACCESSORIES				
End section	Grey	EFC.2/PT/GR (cod. EFC201GR)	EFC.2/1+2/PT/GR (cod. EFC211GR)	EFC.2/2+2/PT/GR (cod. EFC221GR)
	Blue	EFC.2/PT/BL (cod. EFC201BL)	EFC.2/1+2/PT/BL (cod. EFC211BL)	EFC.2/2+2/PT/BL (cod. EFC221BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	[1]	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
	Rated current carrying capacity IEC/ATEX	24 A / 20 A	24 A / 20 A	24 A / 20 A
Coloured partition plate		DfE.1+1/R (cod. DfE01R)	DfE.1+2/R (cod. DfE02R)	DfE.2+2/R (cod. DfE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

[1] See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	EFC400GR	EFC.4/GR	EFC410GR	EFC.4/1+2/GR	EFC420GR	EFC.4/2+2/GR
BLUE VERSION	PART NUMBER TYPE	EFC400BL	EFC.4/BL	EFC410BL	EFC.4/1+2/BL	EFC420BL	EFC.4/2+2/BL

TECHNICAL CHARACTERISTICS

Function/type	Feed-through	Feed-through	Feed-through
Rated cross-section	4 mm ²	4 mm ²	4 mm ²
Connecting capacity	Flexible wire	0.2-6 mm ²	0.2-6 mm ²
	Rigid wire	0.2-6 mm ²	0.2-6 mm ²
	Wire with ferrule - ferrule type	4 mm ² - WP40/16	4 mm ² - WP40/16
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	800 V	800 V
	Current with rated cross-section	32 A	32 A
	Caliber	A4	A4
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V	600 V
	Current with rated cross-section	30 A	30 A
	Section (min-max)	24-10 (AWG)	24-10 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	500 V	500 V
	Current with rated cross-section	26 A	26 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length	10 mm	10 mm	10 mm
Width (pitch)	6.2 mm	6.2 mm	6.2 mm
Length	55.2 mm	71.8 mm	88.4 mm
Height mounted on TH35-7.5/TH35-15/G32	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS

ACCESSORIES				
End section	Grey	EFC.4/PT/GR (cod. EFC401GR)	EFC.4/1+2/PT/GR (cod. EFC411GR)	EFC.4/2+2/PT/GR (cod. EFC421GR)
	Blue	EFC.4/PT/BL (cod. EFC401BL)	EFC.4/1+2/PT/BL (cod. EFC411BL)	EFC.4/2+2/PT/BL (cod. EFC421BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	[1]	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)
	Rated current carrying capacity IEC/ATEX	32 A / 26 A	32 A / 26 A	32 A / 26 A
Coloured partition plate		DfE.1+1/R (cod. DfE01R)	DfE.1+2/R (cod. DfE02R)	DfE.2+2/R (cod. DfE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..



- Reduced wiring time
- Wire release push button

	IMQ 18 ATEX 007U	IECEx IMQ 18.0002U
	I M2 Ex eb I Mb	Ex eb I Mb
	II 2G Ex eb IIC Gb	Ex eb IIC Gb

(1) For more details on accessories, refer to the relevant chapters



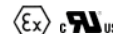
GREY VERSION	PART NUMBER TYPE	EFC600GR	EFC.6/GR	EFC610GR	EFC.6/1+2/GR
BLUE VERSION	PART NUMBER TYPE	EFC600BL	EFC.6/BL	EFC610BL	EFC.6/1+2/BL

TECHNICAL CHARACTERISTICS



Function/type	Feed-through	Feed-through
Rated cross-section	6 mm ²	6 mm ²
Connecting capacity	Flexible wire	0.2-10 mm ²
	Rigid wire	0.2-10 mm ²
	Wire with ferrule - ferrule type	6 mm ² - WP60/20
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	1000 V
	Current with rated cross-section	41 A
	Caliber	A5
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V
	Current with rated cross-section	41 A
	Section (min-max)	24-8 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	550 V
	Current with rated cross-section	35 A
	Operating temperature Min/Max	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	8 kV / 3	8 kV / 3
Insulation stripping length	12 mm	12 mm
Width (pitch)	8.2 mm	8.2 mm
Length	60.4 mm	78.3 mm
Height mounted on TH35-7.5/TH35-15/G32	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES			
End section	Grey	EFC.6/PT/GR (cod. EFC601GR)	FC.6/1+2/PT/GR (cod. EFC611GR)
	Blue	EFC.6/PT/BL (cod. EFC601BL)	EFC.6/1+2/PT/BL (cod. EFC611BL)
	Thickness	1.5 mm	1.5 mm
Cross-connection	(1)	EFB.6/.../... (cod. EFB06)	EFB.6/.../... (cod. EFB06)
	Rated current carrying capacity IEC/ATEX	41 A / 35 A	41 A / 35 A
Coloured partition plate		DfE.1+1/R (cod. DfE01R)	DfE.1+2/R (cod. DfE02R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	-	-
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..

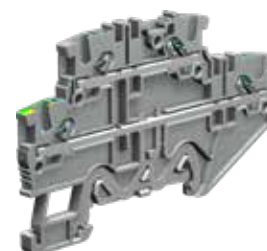
- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

[1] For more details on accessories, refer to the relevant chapters

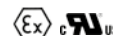


GREY VERSION	PART NUMBER TYPE	EFD100GR	EFD.1/GR	EFD110GR	EFD.1/CI/GR	EFD120GR	EFD.1/E/GR
BLUE VERSION	PART NUMBER TYPE	EFD100BL	EFD.1/BL	EFD110BL	EFD.1/CI/BL		

TECHNICAL CHARACTERISTICS

Function/type		2 levels feed-through	2 levels with internal connection	2 levels (feed-through + earth)
Rated cross-section		1.5 mm²	1.5 mm²	1.5 mm²
Connecting capacity	Flexible wire	0.2-1.5 mm²	0.2-1.5 mm²	0.2-1.5 mm²
	Rigid wire	0.2-1.5 mm²	0.2-1.5 mm²	0.2-1.5 mm²
	Wire with ferrule - ferrule type	1.5 mm² - WP15/14	1.5 mm² - WP15/14	1.5 mm² - WP15/14
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	630 V	630 V	630 V
	Current with rated cross-section	16 A	16 A	16 A
	Caliber	A1 - B1	A1 - B1	A1 - B1
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300 V (UG D) – 150 V (UG B,C)	300 V (UG D) – 150 V (UG B,C)	600 V (UG D) – 300 V (UG B,C)
	Current with rated cross-section	15 A	15 A	15 A
	Section (min-max)	26-14 (AWG)	26-14 (AWG)	26-14 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	440 V	440 V	440 V
	Current with rated cross-section	13.5 A	13.5 A	13.5 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree		6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length		8 mm	8 mm	8 mm
Width (pitch)		3.5 mm	3.5 mm	3.5 mm
Length		81 mm	81 mm	81 mm
Height mounted on TH35-7.5/TH35-15/G32		50 / 57.5 / - mm	50 / 57.5 / - mm	50 / 57.5 / - mm
Insulation material temperature index (EN 60216-1)		130 °C	130 °C	130 °C
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES				
End section	Grey	EFD.1/PT/GR (cod. EFD101GR)	EFD.1/PT/GR (cod. EFD101GR)	EFD.1/PT/GR (cod. EFD101GR)
	Blue	EFD.1/PT/BL (cod. EFD101BL)	EFD.1/PT/BL (cod. EFD101BL)	EFD.1/PT/BL (cod. EFD101BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	[1]	EFB.1/.../... (cod. EFB01...)	EFB.1/.../... (cod. EFB01...)	EFB.1/.../... (cod. EFB01...)
	Rated current carrying capacity IEC/ATEX	16 A / 16 A	16 A / 16 A	16 A / 16 A
Coloured partition plate		DfE.2P/R (cod. DfE04R)	DfE.2P/R (cod. DfE04R)	DfE.2P/R (cod. DfE04R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
	Single marking tag for pitch insertion	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

EFD.2 SERIES

PUSH-IN TECHNOLOGY 2 LEVELS FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button

	IMQ 18 ATEX 007U	IECEx IMQ 18.0002U
	I M2 Ex eb I Mb	Ex eb I Mb
	II 2G Ex eb IIC Gb	Ex eb IIC Gb

(1) For more details on accessories, refer to the relevant chapters



GREY VERSION	PART NUMBER TYPE	EFD200GR	EFD.2/GR	EFD210GR	EFD.2/CI/GR	EFD220GR	EFD.2/E/GR
BLUE VERSION	PART NUMBER TYPE	EFD200BL	EFD.2/BL	EFD210BL	EFD.2/CI/BL		

TECHNICAL CHARACTERISTICS

Function/type		2 levels feed-through	2 levels with internal connection	2 levels (feed-through + earth)
Rated cross-section		2.5 mm²	2.5 mm²	2.5 mm²
Connecting capacity	Flexible wire	0.2-4 mm²	0.2-4 mm²	0.2-4 mm²
	Rigid wire	0.2-4 mm²	0.2-4 mm²	0.2-4 mm²
	Wire with ferrule - ferrule type	2.5 mm² - WP25/19	2.5 mm² - WP25/19	2.5 mm² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	800 V	800 V	800 V
	Current with rated cross-section	22 A	22 A	22 A
	Caliber	A3	A3	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V [UG D] – 300 V [UG B,C]	600 V [UG D] – 300 V [UG B,C]	600 V [UG D] – 300 V [UG B,C]
	Current with rated cross-section	20 A	20 A	20 A
	Section [min-max]	24-12 [AWG]	24-12 [AWG]	24-12 [AWG]
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	500 V	500 V	500 V
	Current with rated cross-section	18 A	18 A	18 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree		6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length		9 mm	9 mm	9 mm
Width (pitch)		5.2 mm	5.2 mm	5.2 mm
Length		71.6 mm	71.6 mm	71.6 mm
Height mounted on TH35-7.5/TH35-15/G32		53.8 / 61.3 / – mm	53.8 / 61.3 / – mm	53.8 / 61.3 / – mm
Insulation material temperature index (EN 60216-1)		130 °C	130 °C	130 °C
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES				
End section	Grey	EFD.2/PT/GR (cod. EFD201GR)	EFD.2/PT/GR (cod. EFD201GR)	EFD.2/PT/GR (cod. EFD201GR)
	Blue	EFD.2/PT/BL (cod. EFD201BL)	EFD.2/PT/BL (cod. EFD201BL)	EFD.2/PT/BL (cod. EFD201BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	[1]	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
	Rated current carrying capacity IEC/ATEX	22 A / 18 A	22 A / 18 A	22 A / 18 A
Coloured partition plate		DfE.2P/R (cod. DfE04R)	DfE.2P/R (cod. DfE04R)	DfE.2P/R (cod. DfE04R)
Marking	Adhesive numbering strip	-	-	-
	Snap-on numbering strip	-	-	-
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button
- Terminal block with the same shape of p.n.EFDS200GR, p.n.EFDS210GR, p.n.EFDS202GR, and p.n.EFDS212GR



[1] For more details on accessories, refer to the relevant chapters

GREY VERSION	PART NUMBER TYPE	EFDS220GR EFDS.2/P/GR
BLUE VERSION	PART NUMBER TYPE	

TECHNICAL CHARACTERISTICS

Function/type		2 levels feed-through
Rated cross-section		2.5 mm²
Connecting capacity	Flexible wire	0.2-4 mm²
	Rigid wire	0.2-4 mm²
	Wire with ferrule - ferrule type	2.5 mm² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	630 V
	Current with rated cross-section	20 A
	Caliber	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300 V [B,D] – 150 V [C]
	Current with rated cross-section	20 A
	Section [min-max]	24-12 [AWG]
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	–
	Current with rated cross-section	–
	Operating temperature Min/Max	–
Rated impulse withstand voltage / pollution degree		6 kV / 3
Insulation stripping length		9 mm
Width (pitch)		5.2 mm
Length		110 mm
Height mounted on TH35-7.5/TH35-15/G32		54.5 / 62 / – mm
Insulation material temperature index (EN 60216-1)		130 °C
Plastic material		Polyamide UL94V-0



APPROVALS AND MARKINGS



ACCESSORIES

End section	Grey	EFDS.2/PT/GR (cod. EFDS201GR)
	Blue	-
	Thickness	1.5 mm
Cross-connection	[1]	EFB.2/.../... (cod. EFB02...)
	Rated current carrying capacity IEC/ATEX	20 A / -
Coloured partition plate		-
Marking	Adhesive numbering strip	-
	Snap-on numbering strip	-
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)
	TH35 snap-fit type	BT0 (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..

EFD.4 SERIES

PUSH-IN TECHNOLOGY 2 LEVELS FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

(1) For more details on accessories, refer to the relevant chapters



GREY VERSION	PART NUMBER	TYPE	EFD400GR	EFD.4/GR	EFD410GR	EFD.4/CI/GR	EFD420GR	EFD.4/E/GR
BLUE VERSION	PART NUMBER	TYPE	EFD400BL	EFD.4/BL	EFD410BL	EFD.4/CI/BL		

TECHNICAL CHARACTERISTICS

Function/type		2 levels feed-through	2 levels with internal connection	2 levels (feed-through + earth)
Rated cross-section		4 mm²	4 mm²	4 mm²
Connecting capacity	Flexible wire	0.2-6 mm²	0.2-6 mm²	0.2-6 mm²
	Rigid wire	0.2-6 mm²	0.2-6 mm²	0.2-6 mm²
	Wire with ferrule - ferrule type	4 mm² - WP40/16	4 mm² - WP40/16	4 mm² - WP40/16
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	800 V	800 V	800 V
	Current with rated cross-section	29 A	29 A	29 A
	Caliber	A4	A4	A4
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V (UG D) – 300 V (UG B,C)	600 V (UG D) – 300 V (UG B,C)	600 V (UG D) – 300 V (UG B,C)
	Current with rated cross-section	30 A	30 A	30 A
	Section (min-max)	24-10 (AWG)	24-10 (AWG)	24-10 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	500 V	500 V	500 V
	Current with rated cross-section	23 A	23 A	23 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree		6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length		10 mm	10 mm	10 mm
Widht (pitch)		6.2 mm	6.2 mm	6.2 mm
Length		81.7 mm	81.7 mm	81.7 mm
Height mounted on TH35-7.5/TH35-15/G32		57.7 / 65.2 / – mm	57.7 / 65.2 / – mm	57.7 / 65.2 / – mm
Insulation material temperature index (EN 60216-1)		130 °C	130 °C	130 °C
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES				
End section	Grey	EFD.4/PT/GR (cod. EFD401GR)	EFD.4/PT/GR (cod. EFD401GR)	EFD.4/PT/GR (cod. EFD401GR)
	Blue	EFD.4/PT/BL (cod. EFD401BL)	EFD.4/PT/BL (cod. EFD401BL)	EFD.4/PT/BL (cod. EFD401BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	(1)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)
	Rated current carrying capacity IEC/ATEX	29 A / 25 A	29 A / 25 A	29 A / 25 A
Coloured partition plate		DfE.2P/R (cod. DfE04R)	DfE.2P/R (cod. DfE04R)	DfE.2P/R (cod. DfE04R)
Marking	Adhesive numbering strip	-	-	-
	Snap-on numbering strip	-	-	-
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

EFT.2 SERIES

PUSH-IN TECHNOLOGY 3 LEVELS FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEX IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

(1) For more details on accessories, refer to the relevant chapters



GREY VERSION	PART NUMBER TYPE	EFT200GR	EFT.2/GR	EFT210GR	EFT.2/CI/GR	EFT220GR	EFT.2/E/GR
BLUE VERSION	PART NUMBER TYPE	EFT200BL	EFT.2/BL	EFT210BL	EFT.2/CI/BL		

TECHNICAL CHARACTERISTICS

Function/type		3 levels feed-through	3 levels with internal connection	3 levels- 2 feed-through + earth
Rated cross-section		2.5 mm ²	2.5 mm ²	2.5 mm ²
Connecting capacity	Flexible wire	0.2-4 mm ²	0.2-4 mm ²	0.2-4 mm ²
	Rigid wire	0.2-4 mm ²	0.2-4 mm ²	0.2-4 mm ²
	Wire with ferrule - ferrule type	2.5 mm ² - WP25/19	2.5 mm ² - WP25/19	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	800 V	800 V	800 V
	Current with rated cross-section	24 A	24 A	24 A
	Caliber	A3	A3	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V [UG D] – 300 V [UG B,C]	600 V [UG D] – 300 V [UG B,C]	600 V [UG D] – 300 V [UG B,C]
	Current with rated cross-section	20 A	20 A	20 A
	Section [min-max]	24-12 [AWG]	24-12 [AWG]	24-12 [AWG]
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	320 V	320 V	320 V
	Current with rated cross-section	16 A	16 A	16 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree		6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length		9 mm	9 mm	9 mm
Width [pitch]		5.2 mm	5.2 mm	5.2 mm
Length		106.2 mm	106.2 mm	106.2 mm
Height mounted on TH35-7.5/TH35-15/G32		68.4 / 75.9 / – mm	68.4 / 75.9 / – mm	68.4 / 75.9 / – mm
Insulation material temperature index (EN 60216-1)		130 °C	130 °C	130 °C
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



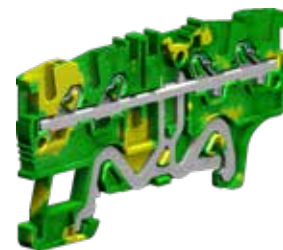
ACCESSORIES				
End section	Grey	EFT.2/PT/GR (cod. EFT201GR)	EFT.2/PT/GR (cod. EFT201GR)	EFT.2/PT/GR (cod. EFT201GR)
	Blue	EFT.2/PT/BL (cod. EFT201BL)	EFT.2/PT/BL (cod. EFT201BL)	-
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	(1)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
	Rated current carrying capacity IEC/ATEX	24 A / 18 A	24 A / 18 A	24 A / 18 A
Coloured partition plate		-	-	-
Marking	Adhesive numbering strip	-	-	-
	Snap-on numbering strip	-	-	-
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button

 IMQ 18 ATEX 007U
 I M2 Ex eb I Mb
 II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
 Ex eb I Mb
 Ex eb IIC Gb

For more details on accessories, refer to the relevant chapters



YELLOW/GREEN VERSION

PART NUMBER

TYPE

EFCE100

EFCE.1

EFCE110

EFCE.1/1+2

EFCE120

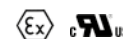
EFCE.1/2+2

TECHNICAL CHARACTERISTICS



Function/Type	Ground terminal block
Rated cross-section	1.5 mm ²
Connecting capacity	Flexible wire
	0.2-1.5 mm ²
	Rigid wire
Wire with ferrule - ferrule type	0.2-1.5 mm ²
	1.5 mm ² - WP15/14
	1.5 mm ² - WP15/14
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC
	-
	Current with rated cross-section
Caliber	-
	A1 - B1
	A1 - B1
Electrical characteristics according to UL Standard	Maximum voltage AC/DC
	300 V
	300 V
Current with rated cross-section	-
	-
	-
Section (min-max)	26-14 (AWG)
	26-14 (AWG)
	26-14 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC
	-
	-
Current with rated cross-section	-
	-
	-
Operating temperature Min/Max	-40 °C / +110 °C
	-40 °C / +110 °C
	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3
Insulation stripping length	8 mm
Width (pitch)	3.5 mm
Length	48.4 mm
Height mounted on TH35-7.5/TH35-15/G32	36.5 / 44 / - mm
Insulation material temperature index (EN 60216-1)	130 °C
Plastic material	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES

End section	Grey	EFC.1/PT/GR (cod. EFC101GR)	EFC.1/1+2/PT/GR (cod. EFC111GR)	EFC.1/2+2/PT/GR (cod. EFC121GR)
	Blue	EFC.1/PT/BL (cod. EFC101BL)	EFC.1/1+2/PT/BL (cod. EFC111BL)	EFC.1/2+2/PT/BL (cod. EFC121BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Coloured partition plate		DFF.1+1/R (cod. DFE01R)	DFF.1+2/R (cod. DFE02R)	DFF.2+2/R (cod. DFE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
	Single marking tag for pitch insertion	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button

IMQ 18 ATEX 007U
 I M2 Ex eb I Mb
 II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
 Ex eb I Mb
 Ex eb IIC Gb

For more details on accessories, refer to the relevant chapters



YELLOW/GREEN VERSION

PART NUMBER
TYPE

EFCE200

EFCE.2

EFCE210

EFCE.2/1+2

EFCE220

EFCE.2/2+2

TECHNICAL CHARACTERISTICS



Function/Type	Ground terminal block
Rated cross-section	2.5 mm ²
Connecting capacity	Flexible wire
	0.2-4 mm ²
	Rigid wire
Wire with ferrule - ferrule type	0.2-4 mm ²
	2.5 mm ² - WP25/19
	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC
	-
	Current with rated cross-section
Electrical characteristics according to UL Standard	Caliber
	A3
	Maximum voltage AC/DC
Electrical characteristics according to ATEX directive and IEC Ex standard	600 V
	Current with rated cross-section
	-
Rated impulse withstand voltage / pollution degree	Section (min-max)
	24-12 [AWG]
	24-12 [AWG]
Insulation stripping length	Maximum voltage AC/DC
	-
	Current with rated cross-section
Widtht (pitch)	Operating temperature Min/Max
	-40 °C / +110 °C
	-40 °C / +110 °C
Length	6 kV / 3
	6 kV / 3
	6 kV / 3
Height mounted on TH35-7.5/TH35-15/G32	9 mm
	9 mm
	9 mm
Insulation material temperature index (EN 60216-1)	5.2 mm
	5.2 mm
	5.2 mm
Plastic material	51.1 mm
	64.6 mm
	78.1 mm
Insulation stripping length	39.2 / 46.7 / - mm
	39.2 / 46.7 / - mm
	39.2 / 46.7 / - mm
Widtht (pitch)	130 °C
	130 °C
	130 °C
Length	Polyamide UL94V-0
	Polyamide UL94V-0
	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES

End section	Grey	EFC.2/PT/GR (cod. EFC201GR)	EFC.2/1+2/PT/GR (cod. EFC211GR)	EFC.2/2+2/PT/GR (cod. EFC221GR)
	Blue	EFC.2/PT/BL (cod. EFC201BL)	EFC.2/1+2/PT/BL (cod. EFC211BL)	EFC.2/2+2/PT/BL (cod. EFC221BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Coloured partition plate		DFE.1+1/R (cod. DFE01R)	DFE.1+2/R (cod. DFE02R)	DFE.2+2/R (cod. DFE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button

IMQ 18 ATEX 007U	IECEx IMQ 18.0002U
I M2 Ex eb I Mb	Ex eb I Mb
II 2G Ex eb IIC Gb	Ex eb IIC Gb

For more details on accessories, refer to the relevant chapters



YELLOW/GREEN VERSION

PART NUMBER
TYPE

EFCE400

EFCE.4

EFCE410

EFCE.4/1+2

EFCE420

EFCE.4/2+2

TECHNICAL CHARACTERISTICS

Function/Type	Ground terminal block	Ground terminal block	Ground terminal block
Rated cross-section	4 mm ²	4 mm ²	4 mm ²
Connecting capacity	Flexible wire	0.2-6 mm ²	0.2-6 mm ²
	Rigid wire	0.2-6 mm ²	0.2-6 mm ²
	Wire with ferrule - ferrule type	4 mm ² - WP40/16	4 mm ² - WP40/16
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	-	-
	Current with rated cross-section	-	-
	Caliber	A4	A4
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V	600 V
	Current with rated cross-section	-	-
	Section (min-max)	24-10 [AWG]	24-10 [AWG]
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	-	-
	Current with rated cross-section	-	-
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length	10 mm	10 mm	10 mm
Width (pitch)	6.2 mm	6.2 mm	6.2 mm
Length	55.2 mm	71.8 mm	88.4 mm
Height mounted on TH35-7.5/TH35-15/G32	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES

End section	Grey	EFC.4/PT/GR (cod. EFC401GR)	EFC.4/1+2/PT/GR (cod. EFC411GR)	EFC.4/2+2/PT/GR (cod. EFC421GR)
	Blue	EFC.4/PT/BL (cod. EFC401BL)	EFC.4/1+2/PT/BL (cod. EFC411BL)	EFC.4/2+2/PT/BL (cod. EFC421BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Coloured partition plate		DFE.1+1/R (cod. DFE01R)	DFE.1+2/R (cod. DFE02R)	DFE.2+2/R (cod. DFE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

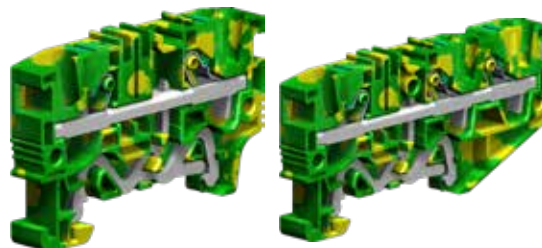
- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

For more details on accessories, refer to the relevant chapters



YELLOW/GREEN VERSION

PART NUMBER
TYPE

EFCE600

EFCE.6

EFCE610

EFCE.6/1+2

TECHNICAL CHARACTERISTICS



Function/Type	Ground terminal block	Ground terminal block
Rated cross-section	6 mm ²	6 mm ²
Connecting capacity	Flexible wire	0.2-10 mm ²
	Rigid wire	0.2-10 mm ²
	Wire with ferrule - ferrule type	6 mm ² - WP60/20
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	-
	Current with rated cross-section	-
	Caliber	A5
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V
	Current with rated cross-section	-
	Section (min-max)	24-8 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	-
	Current with rated cross-section	-
	Operating temperature Min/Max	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	8 kV / 3	8 kV / 3
Insulation stripping length	12 mm	12 mm
Width (pitch)	8.2 mm	8.2 mm
Length	60.4 mm	78.3 mm
Height mounted on TH35-7.5/TH35-15/G32	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES

End section	Grey	EFC.6/PT/GR (cod. EFC601GR)	EFC.6/PT/GR (cod. EFC601GR)
	Blue	EFC.6/PT/BL (cod. EFC601BL)	EFC.6/PT/BL (cod. EFC601BL)
	Thickness	1.5 mm	1.5 mm
Coloured partition plate		DFF.1+1/R (cod. DFE01R)	DFF.1+2/R (cod. DFE02R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion		
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

For more details on accessories, refer to the relevant chapters



YELLOW/GREEN VERSION

PART NUMBER

TYPE

EFDE100

EFDE.1

EFDE200

EFDE.2

EFDE400

EFDE.4

TECHNICAL CHARACTERISTICS

Function/Type		2 levels ground terminal block	2 levels ground terminal block	2 levels ground terminal block
Rated cross-section		1.5 mm ²	2.5 mm ²	4 mm ²
Connecting capacity	Flexible wire	0.2-1.5 mm ²	0.2-4 mm ²	0.2-6 mm ²
	Rigid wire	0.2-1.5 mm ²	0.2-4 mm ²	0.2-6 mm ²
	Wire with ferrule - ferrule type	1.5 mm ² - WP15/14	2.5 mm ² - WP25/19	4 mm ² - WP40/16
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	-	-	-
	Current with rated cross-section	-	-	-
	Caliber	A1 - B1	A3	A4
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300 V	600 V	600 V
	Current with rated cross-section	-	-	-
	Section (min-max)	26-14 [AWG]	24-12 [AWG]	24-10 [AWG]
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	-	-	-
	Current with rated cross-section	-	-	-
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree		6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length		8 mm	9 mm	10 mm
Width (pitch)		3.5 mm	5.2 mm	6.2 mm
Length		81 mm	71.6 mm	81.7 mm
Height mounted on TH35-7.5/TH35-15/G32		50 / 57.5 / - mm	53.8 / 61.3 / - mm	57.7 / 65.2 / - mm
Insulation material temperature index (EN 60216-1)		130 °C	130 °C	130 °C
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES

End section	Grey	EFD.1/PT/GR (cod. EFD101GR)	EFD.2/PT/GR (cod. EFD201GR)	EFD.4/PT/GR (cod. EFD401GR)
	Blue	EFD.1/PT/BL (cod. EFD101BL)	EFD.2/PT/BL (cod. EFD201BL)	EFD.4/PT/BL (cod. EFD401BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Coloured partition plate		DFE.2P/R (cod. DFE04R)	DFE.2P/R (cod. DFE04R)	DFE.2P/R (cod. DFE04R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	-	-
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	-	-
	Single marking tag	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button



	IMQ 18 ATEX 007U	IECEX IMQ 18.0002U
	I M2 Ex eb I Mb	Ex eb I Mb
	II 2G Ex eb IIC Gb	Ex eb IIC Gb

For more details on accessories, refer to the relevant chapters

YELLOW/GREEN VERSION

PART NUMBER
TYPE

EFTE200
EFTE.2
TECHNICAL CHARACTERISTICS


Function/Type		3 levels ground terminal block
Rated cross-section		2.5 mm ²
Connecting capacity	Flexible wire	0.2-4 mm ²
	Rigid wire	0.2-4 mm ²
	Wire with ferrule - ferrule type	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	-
	Current with rated cross-section	-
	Caliber	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V
	Current with rated cross-section	-
	Section (min-max)	24-12 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	-
	Current with rated cross-section	-
	Operating temperature Min/Max	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree		6 kV / 3
Insulation stripping length		9 mm
Width (pitch)		5.2 mm
Length		106.2 mm
Height mounted on TH35-7.5/TH35-15/G32		68.4 / 75.9 / - mm
Insulation material temperature index (EN 60216-1)		130 °C
Plastic material		Polyamide UL94V-0

APPROVALS AND MARKINGS

ACCESSORIES

End section	Grey	EFT.2/PT/GR (cod. EFT201GR)
	Blue	EFT.2/PT/BL (cod. EFT201BL)
	Thickness	1.5 mm
Coloured partition plate		-
Marking	Adhesive numbering strip	-
	Snap-on numbering strip	-
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)
	TH35 snap-fit type	BT0 (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..

- Reduced wiring time
- Wire release push button



[1] For more details on accessories, refer to the relevant chapters

GREY VERSION	PART NUMBER TYPE	EFS200GR	EFS.2/GR	EFS400GR	EFS.4/GR
BLUE VERSION	PART NUMBER TYPE	EFS200BL	EFS.2/BL	EFS400BL	EFS.4/BL

TECHNICAL CHARACTERISTICS



Function/type	Disconnector	Disconnector
Rated cross-section	2.5 mm ²	4 mm ²
Connecting capacity	Flexible wire	0.2-4 mm ²
	Rigid wire	0.2-4 mm ²
	Wire with ferrule - ferrule type	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	630 V
	Current with rated cross-section	13 A
	Caliber	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300 V
	Current with rated cross-section	12 A
	Section (min-max)	24-12 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	-
	Current with rated cross-section	-
	Operating temperature Min/Max	-
Rated impulse withstand voltage / pollution degree	4 kV / 3	4 kV / 3
Insulation stripping length	9 mm	10 mm
Width (pitch)	5.2 mm	6.2 mm
Length	49.6 mm	55.2 mm
Height mounted on TH35-7.5/TH35-15/G32	41.2 / 48.7 / - mm	41.2 / 48.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES			
End section	Grey	EFC.2/PT/GR (cod. EFC201GR)	EFC.4/PT/GR (cod. EFC401GR)
	Blue	EFC.2/PT/BL (cod. EFC201BL)	EFC.4/PT/BL (cod. EFC401BL)
	Thickness	1.5 mm	1.5 mm
Cross-connection	[1]	EFB.2/.../... (cod. EFB02...)	EFB.4/.../... (cod. EFB04...)
	Rated current carrying capacity IEC/ATEX	24 A	32 A
Coloured partition plate		DFF.1+1/R (cod. DFF01R)	DFF.1+1/R (cod. DFF01R)
Marking	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..

- Reduced wiring time
- Wire release push button



[1] For more details on accessories, refer to the relevant chapters

GREY VERSION	PART NUMBER TYPE	EFDS200GR	EFDS210GR
		EFDS.2/GR	EFDS.2/1S/GR
BLUE VERSION	PART NUMBER TYPE		

TECHNICAL CHARACTERISTICS

Function/type		2 levels with 2 disconnectors	2 levels [disconnector + Feed-through]
Rated cross-section		2.5 mm ²	2.5 mm ²
Connecting capacity	Flexible wire	0.2-4 mm ²	0.2-4 mm ²
	Rigid wire	0.2-4 mm ²	0.2-4 mm ²
	Wire with ferrule - ferrule type	2.5 mm ² - WP25/19	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	630 V	630 V
	Current with rated cross-section	17 A	17 A
	Caliber	A3	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300 V [B,D] - 150 V [C]	300 V [B,D] - 150 V [C]
	Current with rated cross-section	12 A	12 A
	Section (min-max)	24-12 (AWG)	24-12 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	-	-
	Current with rated cross-section	-	-
	Operating temperature Min/Max	-	-
Rated impulse withstand voltage / pollution degree		6 kV / 3	6 kV / 3
Insulation stripping length		9 mm	9 mm
Width (pitch)		5.2 mm	5.2 mm
Length		110 mm	110 mm
Height mounted on TH35-7.5/TH35-15/G32		54 / 61.5 / - mm	54 / 61.5 / - mm
Insulation material temperature index (EN 60216-1)		130 °C	130 °C
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES			
End section	Grey	EFDS.2/PT/GR (cod. EFDS201GR)	EFDS.2/PT/GR (cod. EFDS201GR)
	Blue	-	-
	Thickness	1.5 mm	1.5 mm
Cross-connection	[1]	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
	Rated current carrying capacity IEC/ATEX	17 A / -	17 A / -
Coloured partition plate		-	-
Marking	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..

- Accessory with alarm LED, available separately
- Accessory with 1 A or 3 A diode, available separately



For more details on accessories, refer to the relevant chapters
(1) Value limited by the certification rating of the fuse

GREY VERSION	PART NUMBER	TYPE
	EFF400GR	EFF.4/GR
	EFF448GR	EFF.4/C48/GR
	EFF423GR	EFF.4/C230/GR
BLUE VERSION	PART NUMBER	TYPE
	EFF400BL	EFF.4/BL

TECHNICAL CHARACTERISTICS

Function/type	Fuse-holder 5x20	Fuse-holder 5x20 with alarm	Fuse-holder 5x20 with alarm
Rated cross-section	4 mm ²	4 mm ²	4 mm ²
Connecting capacity	Flexible wire	0.2-6 mm ²	0.2-6 mm ²
	Rigid wire	0.2-6 mm ²	0.2-6 mm ²
	Wire with ferrule - ferrule type	4 mm ² - WP40/16	4 mm ² - WP40/16
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	630 V	48 V
	Current with rated cross-section	6.3 A (1)	6.3 A (1)
	Caliber	A4	A4
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300V (UG D) - 150V (UG B,C)	48 V
	Current with rated cross-section	6.3 A (1)	6.3 A (1)
	Section (min-max)	24-10 (AWG)	24-10 (AWG)
Rated impulse withstand voltage / pollution degree	4 kV / 3	4 kV / 3	4 kV / 3
Insulation stripping length	10 mm	10 mm	10 mm
Width (pitch)	6.2 mm	6.2 mm	6.2 mm
Length	55.2 mm	55.2 mm	55.2 mm
Height mounted on TH35-7.5/TH35-15/G32	67.1 / 74.6 / - mm	67.1 / 74.6 / - mm	67.1 / 74.6 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS

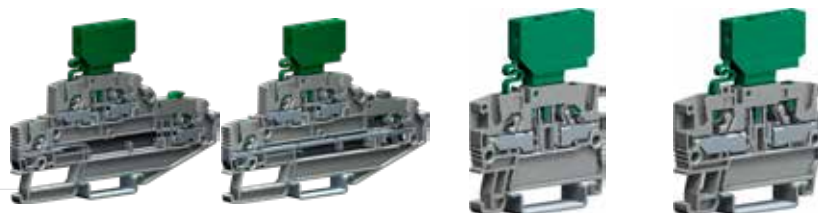


ACCESSORIES				
End section	Grey	EFC.4/PT/GR (cod. EFC401GR)	EFC.4/PT/GR (cod. EFC401GR)	EFC.4/PT/GR (cod. EFC401GR)
	Blue	EFC.4/PT/BL (cod. EFC401BL)	EFC.4/PT/BL (cod. EFC401BL)	EFC.4/PT/BL (cod. EFC401BL)
	Thickness	1.5 mm	1.5 mm	1.5 mm
Cross-connection	{1}	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)
	Rated current carrying capacity IEC/ATEX	32 A	32 A	32 A
	Diaframma separazione morsetti	DfE.1+1/R (cod. DfE01R)	DfE.1+1/R (cod. DfE01R)	DfE.1+1/R (cod. DfE01R)
Marking	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
Fuse type		5x20 mm {1}	5x20 mm {1}	5x20 mm {1}
Conductive element		CO/5 (cod. VL103)	CO/5 (cod. VL103)	CO/5 (cod. VL103)
Light alarm circuit (12...48 V)		CIL/12-24-48 (cod. CB518)	Already mounted	-
Light alarm circuit (110...230 V)		CIL/115-230 (cod. CB523)	-	Already mounted
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

PUSH-IN TECHNOLOGY 1-2 LEVELS FUSE-HOLDER TERMINAL BLOCKS



- Suitable for 5x20 mm fuses
- Accessory with alarm LED, available separately
- Accessory with 1 A or 3 A diode, available separately
- **ATTENTION:** insert an end section between two adjacent terminals, due to the difference in thickness between the cartridge and the terminal block.



For more details on accessories, refer to the relevant chapters

(1) Value limited by the certification rating of the fuse

GREY VERSION		PART NUMBER	EFDS202GR	EFDS212GR	EFS202GR	EFS402GR
		TYPE	CPFE.2 + EFDS.2/GR	CPFE.2 + EFDS.2/15/GR	CPFE.2 + EFS.2/GR	CPFE.4 + EFS.4/GR
TECHNICAL CHARACTERISTICS						
Function/type			2 levels (fuse-holder + disconnecter)	2 levels (fuse-holder + feed-through)	Fuse-holder 5x20	Fuse-holder 5x20
Rated cross-section			2.5 mm ²	2.5 mm ²	2.5 mm ²	4 mm ²
Connecting capacity	Flexible wire		0.2-4 mm ²	0.2-4 mm ²	0.2-4 mm ²	0.2-6 mm ²
	Rigid wire		0.2-4 mm ²	0.2-4 mm ²	0.2-4 mm ²	0.2-6 mm ²
	Wire with ferrule - ferrule type		2.5 mm ² - WP25/19	2.5 mm ² - WP25/19	2.5 mm ² - WP25/19	4 mm ² - WP40/16
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC		250 V	250 V	250 V	250 V
	Current with rated cross-section		6.3 A (1)	6.3 A (1)	6.3 A (1)	6.3 A (1)
	Caliber		A3	A3	A3	A4
Electrical characteristics according to UL Standard	Maximum voltage AC/DC		300 V [B,D] - 150 V [C]	300 V [B,D] - 150 V [C]	300 V	300 V
	Current with rated cross-section		6.3 A (1)	6.3 A (1)	6.3 A (1)	6.3 A (1)
	Section (min-max)		24-12 (AWG)	24-12 (AWG)	24-12 (AWG)	24-10 (AWG)
Rated impulse withstand voltage / pollution degree			6 kV / 3	6 kV / 3	6 kV / 3	4 kV / 3
Insulation stripping length			9 mm	9 mm	9 mm	10 mm
Width (pitch)			5.2 mm	5.2 mm	5.2 mm	6.2 mm
Length			110 mm	110 mm	55.2 mm	55.2 mm
Height mounted on TH35-7.5/TH35-15/G32			73.5 / 81 / - mm	73.5 / 81 / - mm	60.7 / 68.2 / - mm	60.7 / 68.2 / - mm
Insulation material temperature index (EN 60216-1)			130 °C	130 °C	130 °C	130 °C
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES					
End section	Grey		EFDS.2/PT/GR (cod. EFDS201GR)	EFDS.2/PT/GR (cod. EFDS201GR)	EFC.2/PT/GR (cod. EFC201GR)
	Blue		-	-	EFT.2/PT/BL (cod. EFT201BL)
	Thickness		1.5 mm	1.5 mm	1.5 mm
Cross-connection	[1]		EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
	Rated current carrying capacity IEC/ATEX		24 A	24 A	24 A
	Diaframma separazione morsetti		-	-	DFF.1+1/R (cod. DFF01R)
Marking	Single marking tag		CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion		CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion		CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
Fuse type			5x20 mm (1)	5x20 mm (1)	5x20 mm (1)
Conductive element			CO/5 (cod. VL103)	CO/5 (cod. VL103)	CO/5 (cod. VL103)
Light alarm circuit (12...48 V)			CIL/12-24-48 (cod. CB518)	CIL/12-24-48 (cod. CB518)	CIL/12-24-48 (cod. CB518)
Light alarm circuit (110...230 V)			CIL/115-230 (cod. CB523)	CIL/115-230 (cod. CB523)	CIL/115-230 (cod. CB523)
End bracket	TH35 screw type		BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type		BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35		PR/3/..	PR/3/..	PR/3/..

- Suitable for connecting proximity and contact sensors
- Reduced wiring time
- Wire release push button



IMQ 18 ATEX 007U
I M2 Ex eb I Mb
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U
Ex eb I Mb
Ex eb IIC Gb

[1] For more details on accessories, refer to the relevant chapters

GREY VERSION

PART NUMBER
TYPE

EFT250GR

EFT.2/S/GR

BLUE VERSION

PART NUMBER
TYPE

TECHNICAL CHARACTERISTICS

Function/type	3 levels - for sensors	
Rated cross-section	2.5 mm ²	
Connecting capacity	Flexible wire	0.2-4 mm ²
	Rigid wire	0.2-4 mm ²
	Wire with ferrule - ferrule type	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	250 V
	Current with rated cross-section	23 A
	Caliber	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	300 V (B,D) - 150 V (C)
	Current with rated cross-section	20 A
	Section (min-max)	24-12 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	200 V
	Current with rated cross-section	21 A
	Operating temperature Min/Max	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3	
Insulation stripping length	9 mm	
Width (pitch)	5.2 mm	
Length	89 mm	
Height mounted on TH35-7.5/TH35-15/G32	43.9 / 51.4 / - mm	
Insulation material temperature index (EN 60216-1)	130 °C	
Plastic material	Polyamide UL94V-0	



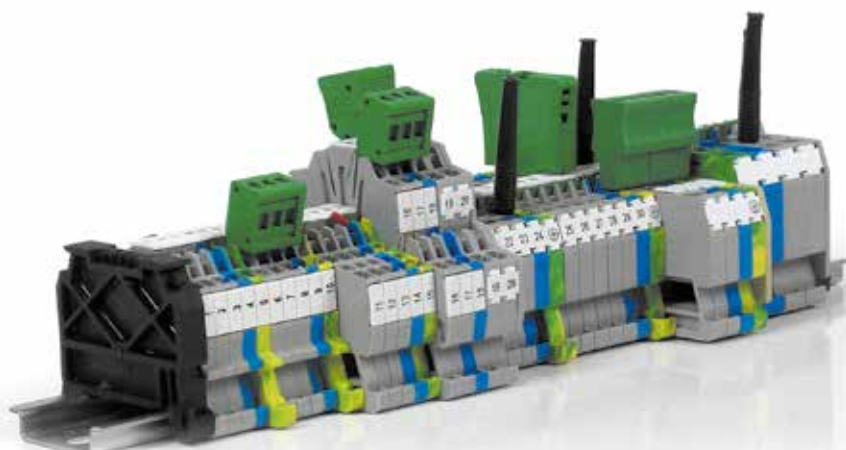
APPROVALS AND MARKINGS



ACCESSORIES

End section	Grey	EFT.2/S/PT/GR (cod. EFT251GR)
	Blue	-
	Thickness	1.5 mm
Cross-connection	[1]	EFB.2/.../... (cod. EFB02...)
	Rated current carrying capacity IEC/ATEX	24 A / 18 A
Coloured partition plate	DFH/4/R (cod. DH04R)	
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)
	TH35 snap-fit type	BT0 (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..

Spring-Clamp Terminal Blocks



INERIS 16 ATEX 9002 UI
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For the creation of high harness volumes, for conductors from 0.2 to 25 mm² and reduced current intensity values, CABUR proposes its range of spring-clamp terminal blocks.

To protect the clamping system, the insulating body includes a stopper which prevents the spring from going beyond the threshold of its elastic field, if it is activated by inexperienced hands.

Adequate sizing of the wire introduction chamber, responding to the requirements of the IEC 60947-1 Standard, guarantees insertion of any type of conductor of the nominal size, also butted with a terminal.

The connection that results from this, in relation to the technology adopted, has the maximum reliability and safety thanks to the quality of the materials used and to the particular conformation of the components needed

for the purpose, avoiding damage to the strands of the conductors in the presence of unprepared flexible wires.

The wire entry is perpendicular to the installation surface determining a further reduction of times and costs of the wiring operations above all where the spaces are particularly limited.

To connect together several contiguous elements, a practical and safe bridging system is available.

Terminal blocks with rated cross-sections of between 1.5 and 16 mm² have the possibility of being connected together in the most disparate ways thanks to our exclusive "Easy Bridge" rapid connection system (PTC), which combines efficiency, rapidity and flexibility providing at the same time an exceptional economic result; these characteristics together with the resulting **IPXXB intrinsic installation without the aid of further insulation protections** (of wires, terminal blocks and parallel connections), guarantees better connectivity than that offered by the competitors.



CNU/8



SHZ

MARKING SYSTEMS

In our marking system the same multiple numbering strip (SHZ) can be inserted on the sides of the terminal block or in the specific seats present in the upper part of the terminal block itself.

This means easy identification of each terminal block from every viewing angle within the electrical panel. The numbering can be done also with the single standard-type CNU/8 tags.





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I M2 Ex e I Mb
II 2 G Ex E IIC Gb

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(1) See chapter accessories for more details



GREY VERSION	PART NUMBER	TYPE
	HM400GR	HMM.1/GR
	HM410GR	HMM.1/1+2/GR
	HM420GR	HMM.1/2+2/GR
BLUE VERSION	PART NUMBER	TYPE
	HI400	HMM.1 (EX)I
	HI410	HMM.1/1+2 (EX)I
	HI420	HMM.1/2+2 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	1.5	1.5	1.5
Connecting capacity	Flexible	(mm²) 0.2-2.5	0.2-2.5	0.2-2.5
	Rigid	(mm²) 0.2-2.5	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	(mm²) 1.5-WP15/14	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 500	500	500
	Current with rated cross-section	(A) 17.5	17.5	17.5
	Section	Caliber B2	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600	600	600
	Current with rated cross-section	(A) 15	15	15
	Section Min - Max	(AWG) 26-14	26-14	26-14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	(V) 400	400	400
	Current with rated cross-section	(A) 17.5	17.5	17.5
	Operating temperature	(°C) -40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	9	9	9
Length	(mm)	45	56	65
Width	(mm)	4.2	4.2	4.2
Height mounted on TH35/7.5	(mm)	43	43	43
Height mounted on TH35/15	(mm)	51	51	51
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0



APPROVALS

ACCESSORIES				
End section	Grey	HMT.1/PT/GR (cod. HM401GR)	HMT.1/1+2/PT/GR (cod. HM411GR)	HMT.1/2+2/PT/GR (cod. HM421GR)
	Blue	HMT.1/PT (Ex)I (cod. HI401)	HMT.1/1+2/PT (Ex)I (cod. HI411)	HMT.1/2+2/PT (Ex)I (cod. HI421)
	Thickness	(mm) 1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)
	PTP version (1)	-	-	-
	Rated current	(A) 17.5	17.5	17.5
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/2/R (cod. DH02R)	DFH/3/R (cod. DH03R)
Cross connection barrier	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug		-	-	-
Modular test plug		SDH/4 (cod. DH004)	SDH/4 (cod. DH004)	SDH/4 (cod. DH004)
End section for modular test plug		SH4/PT (cod. DH401)	SH4/PT (cod. DH401)	SH4/PT (cod. DH401)
Numbering strip		SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



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I M2 Ex e I Mb
II 2 G Ex E IIC Gb

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(1) See chapter accessories for more details



GREY VERSION	PART NUMBER	TYPE
	HM500GR	HMM.2/GR
	HM510GR	HMM.2/1+2/GR
	HM520GR	HMM.2/2+2/GR
BLUE VERSION	PART NUMBER	TYPE
	HI500	HMM.2 (EX)I
	HI510	HMM.2/1+2 (EX)I
	HI520	HMM.2/2+2 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	2.5	2.5	2.5
Connecting capacity	Flexible	(mm²) 0.2-4	0.2-4	0.2-4
	Rigid	(mm²) 0.2-4	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type	(mm²) 2.5-WP25/14	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 800	800	800
	Current with rated cross-section	(A) 24	24	24
	Section	Caliber A3	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600	600	600
	Current with rated cross-section	(A) 20	20	20
	Section Min - Max	(AWG) 24-12	24-12	24-12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	(V) 500	500	500
	Current with rated cross-section	(A) 24	24	24
	Operating temperature	(°C) -40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	10	10	10
Length	(mm)	50	66	82
Width	(mm)	5.2	5.2	5.2
Height mounted on TH35/7.5	(mm)	41	41	41
Height mounted on TH35/15	(mm)	49	49	49
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey	HMT.2/PT/GR (cod. HM501GR)	HMT.2/1+2/PT/GR (cod. HM511GR)	HMT.2/2+2/PT/GR (cod. HM521GR)
	Blue	HMT.2/PT (Ex)I (cod. HI501)	HMT.2/1+2/PT (Ex)I (cod. HI511)	HMT.2/2+2/PT (Ex)I (cod. HI521)
	Thickness	(mm) 1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)
	Rated current	(A) 24	24	24
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/2/R (cod. DH02R)	DFH/3/R (cod. DH03R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)	SDH/5 (cod. DH005)	SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)	SH5/PT (cod. DH501)	SH5/PT (cod. DH501)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



INERIS 16 ATEX 9002 U
I M2 Ex e I Mb
II 2 G Ex E IIC Gb

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(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	HM250GR	HM210GR	HM220GR
		HMM.4/GR	HMM.4/1+2/GR	HMM.4/2+2/GR
BLUE VERSION	PART NUMBER TYPE	HI250	HI210	HI220
		HMM.4 (EX)I	HMM.4/1+2 (EX)I	HMM.4/2+2 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	4	4	4
Connecting capacity	Flexible	0.2-6	0.2-6	0.2-6
	Rigid	0.2-6	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	4-WP40/16	4-WP40/16	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	800	800	800
	Current with rated cross-section	32	32	32
	Section	A4	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600	600
	Current with rated cross-section	30	30	30
	Section Min - Max	28 - 10	28 - 10	28 - 10
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	500	500	500
	Current with rated cross-section	32	32	32
	Operating temperature	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	12	12	12
Length	(mm)	58	78	98
Width	(mm)	6.2	6.2	6.2
Height mounted on TH35/7.5	(mm)	45	45	45
Height mounted on TH35/15	(mm)	52	52	52
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey	HMT.4/PT/GR (cod. HM251GR)	HMT.4/1+2/PT/GR (cod. HM211GR)	HMT.4/1+2/PT/GR (cod. HM221GR)
	Blue	HMT.4/PT (Ex)I (cod. HI251)	HMT.4/1+2/PT (Ex)I (cod. HI211)	HMT.4/1+2/PT (Ex)I (cod. HI221)
	Thickness	(mm)	1.5	1.5
Cross connection	PTC version (1)	PTC/5/... (cod. PTC05...)	PTC/5/... (cod. PTC05...)	PTC/5/... (cod. PTC05...)
	PTP version (1)	PTP/5/... (cod. PTP05...)	PTP/5/... (cod. PTP05...)	PTP/5/... (cod. PTP05...)
	Rated current	(A)	32	32
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/4/R (cod. DH04R)	DFH/4/R (cod. DH04R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/6 (cod. DH006)	SDH/6 (cod. DH006)	SDH/6 (cod. DH006)
End section for modular test plug		SH6/PT (cod. DH601)	SH6/PT (cod. DH601)	SH6/PT (cod. DH601)
Numbering strip		CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/61 (cod. NU0861S)	CNU/8/51 (cod. NU0851S)	CNU/8/61 (cod. NU0861S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



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(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	HM320GR	HM330GR	HM340GR
		HMM.6/GR	HMM.10/GR	HMM.16/GR
BLUE VERSION	PART NUMBER TYPE	HI320	HI330	HI340
		HMM.6 (EX)I	HMM.10 (EX)I	HMM.16 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	6	10	16
Connecting capacity	Flexible	0.2-10	1.5-16	1.5-25
	Rigid	0.2-10	1.5-16	1.5-25
	Max. flexible with ferrule - ferrule type	6-WP60/20	10-WP100/21	16-WP160/22
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	800	1000	1000
	Current with rated cross-section	41	57	76
	Section	A5	A6	A7
Electrical characteristics According to UL	Max AC/DC Voltage	600	600	600
	Current with rated cross-section	41	57	85
	Section Min - Max	24 - 8	20 - 6	18 - 4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	500	500	630
	Current with rated cross-section	41	57	76
	Operating temperature	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	12 KV / 3
Insulation stripping length	(mm)	13	18	18
Length	(mm)	62	71	80
Width	(mm)	8.2	10	12
Height mounted on TH35/7.5	(mm)	48	53	56
Height mounted on TH35/15	(mm)	56	61	64
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	HMT.6/PT/GR (cod. HM321GR)	HMT.10/PT/GR (cod. HM331GR)	HMT.16/PT/GR (cod. HM341GR)
	Blue	HMT.6/PT (Ex)I (cod. HI321)	HMT.10/PT (Ex)I (cod. HI331)	HMT.16/PT (Ex)I (cod. HI341)
	Thickness	(mm)	1.5	1.5
Cross connection	PTC version (1)	PTC/8/... (cod. PTC08...)	PTC/11/... (cod. PTC11...)	PTC/16/... (cod. PTC16...)
	PTP version (1)	-	-	-
	Rated current	(A)	41	57
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)	-	-
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/4/R (cod. DH04R)	DFH/4/R (cod. DH04R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Numbering strip		-	-	-
Screwdriver for activation of the spring		CCH/6 (cod. CCH06)	CCH/6 (cod. CCH06)	CCH/6 (cod. CCH06)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Marking tag		-	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- connectable with the terminal blocks: HMM.2/GR, HMM.2/1+2/GR, HMM.2/2+2/GR, HMS.2/GR, HMFA.2/GR, HMM.4/GR, HMM.4/1+2/GR, HMM.4/2+2/GR, HMM.6/GR

(1) value referred to the terminal and not to the potential distributor

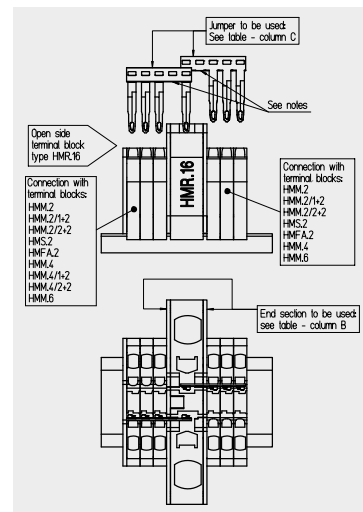
(2) See chapter accessories for more details

(3) The number of poles to be used shall be equal to the number of terminal blocks to be connected, including the distribution terminal block +1 to allow the connection to the distribution terminal block the second pin of the PTC jumper shall be trimmed off.

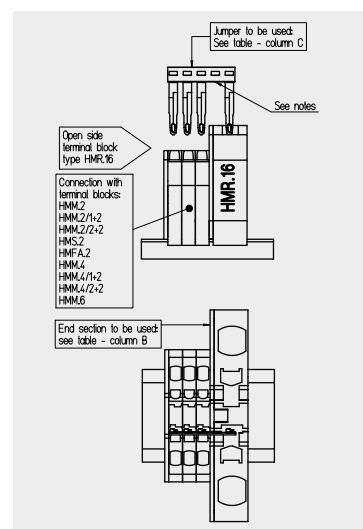


Terminal assembly with double feeding distribution

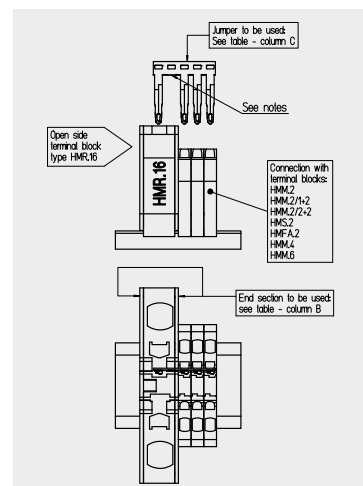
CONNECTION DIAGRAM DISTRIBUTOR TERMINAL BLOCKS HMR.16/GR A HMR.16/D/GR



Connection on 2 sides



Connection on open sides



Connection on closed side of distributor

SINGLE POWER SUPPLY VERSION

PART NUMBER

TYPE

HM350GR

HMR.16/GR

DOUBLE SUPPLY VERSION

PART NUMBER

TYPE

HM360GR

HMR.16/D/GR

TECHNICAL CHARACTERISTICS

Function/type			
Rated cross-section		(mm ²)	16
Connecting capacity	Flexible	(mm ²)	1.5-25
	Rigid	(mm ²)	1.5-25
	Max.flexible with ferrule - ferrule type	(mm ²)	16-WP160/22
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	800
	Current with rated cross-section	(A)	76 (1)
	Section	Caliber	A7
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600
	Current with rated cross-section	(A)	30
	Section Min-Max	(AWG)	18-4
Rated impulse withstand voltage/pollution degree			12 KV / 3
Insulation stripping lenght		(mm)	18
Length		(mm)	80
Width		(mm)	12.8
Height mounted on TH35/7,5		(mm)	50
Height mounted on TH35/15		(mm)	57
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material			Polyamide UL94V-0



APPROVALS

ACCESSORIES

End section	Thickness	(mm)	see table
	PTC version [2] [3]		see table
Cross connection	PTP version [2] [3]		see table
	Rated current	(A)	see table
Cross-connection identification strip Green			-
Coloured partition		Red	DFH/4/R (cod. DH04R)
Cross connection barrier		Red	-
Test plug			SDD/1 (cod. DD001)
Modular test plug			-
Numbering strip			-
Screwdriver for activation of the spring			CCH/6 (cod. CCH06)
Marking tag			CNU/8/51 (cod. NU0851S)
			-
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)

TERMINAL BLOCK CONNECTED TO THE DISTRIBUTOR	HMM.2/GR HMM.2/1+2/GR HMM.2/2+2/GR HMS.2/GR HMFA.2/GR	HMM.4/GR HMM.4/1+2/GR HMM.4/2+2/GR	HMM.6/GR
End section	HMR.16-2/PT/GR (cod. HM352GR)	HMR.16-4/PT/GR (cod. HM354GR)	HMR.16-6/PT/GR (cod. HM356GR)
Thickness (mm)	1.5	1.5	1.5
Permanent cross connection PTC	PTC/03/... (cod. PTC03...)	PTC/05/... (cod. PTC05...)	PTC/08/... (cod. PTC08...)
Permanent cross connection PTP	PTP/03/... (cod. PTP03...)	PTP/05/... (cod. PTP05...)	-
Total current carrying capacity (A)	24	32	41



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GREY VERSION	PART NUMBER TYPE	HD200GR	HMD.1/GR	HD120GR	HMD 1/CI/GR
BLUE VERSION	PART NUMBER TYPE	HD300	HMD.1 (EX)I		

TECHNICAL CHARACTERISTICS

Function/type			two-level feed-through	two-levels and internal connection
Rated cross-section		(mm²)	1.5	1.5
Connecting capacity	Flexible	(mm²)	0.2-2.5	0.2-2.5
	Rigid	(mm²)	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	(mm²)	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	500	500
	Current with rated cross-section	(A)	16	16
	Section	Caliber	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600	600
	Current with rated cross-section	(A)	15	15
	Section Min - Max	(AWG)	26-14	26-14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	(V)	400	400
	Current with rated cross-section	(A)	17.5	17.5
	Operating temperature	(°C)	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree			6 KV / 3	6 KV / 3
Insulation stripping length		(mm)	10	10
Length		(mm)	73	73
Width		(mm)	4.2	4.2
Height mounted on TH35/7.5		(mm)	59	59
Height mounted on TH35/15		(mm)	67	67
Insulation material temperature index (EN 60216-1)		(°C)	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey		HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)
	Blue		HMD.1/PT (Ex)I (cod. HD301)	HMD.1/PT (Ex)I (cod. HD301)
	Thickness	(mm)	1.5	1.5
Cross connection	PTC version (1)		PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)
	PTP version (1)		-	-
	Rated current	(A)	17.5	17.5
Cross-connection identification strip	Green		PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Internal cross connection (removable)			-	-
Coloured partition	Red		DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)
Cross connection barrier	Red		DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug			-	-
Modular test plug			SDH/4 (cod. DH004)	SDH/4 (cod. DH004)
End section for modular test plug			SH4/PT (cod. DH401)	SH4/PT (cod. DH401)
Numbering strip			SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)
Screwdriver for activation of the spring			CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag			SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)
			-	-
			-	-
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)	BT/3 (cod. BT003)



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GREY VERSION	PART NUMBER TYPE	HD400GR	HMD.2N/GR	HD450GR	HMD.2N/CI/GR
BLUE VERSION	PART NUMBER TYPE	HD410	HMD.2N (EX)I		

TECHNICAL CHARACTERISTICS

Function/type		two-level feed-through	two-levels and internal connection
Rated cross-section	(mm²)	2,5	2,5
Connecting capacity	Flexible	0,2-2,5	0,2-2,5
	Rigid	0,2-2,5	0,2-2,5
	Max. flexible with ferrule - ferrule type	1,5-WP15/14	1,5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630	630
	Current with rated cross-section	24	24
	Section	Caliber B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	15	15
	Section Min - Max	26-14 (AWG)	26-14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	400	400
	Current with rated cross-section	24	24
	Operating temperature	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	10	10
Length	(mm)	73	73
Width	(mm)	5,2	5,2
Height mounted on TH35/7,5	(mm)	59	59
Height mounted on TH35/15	(mm)	67	67
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



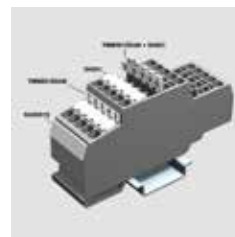
ACCESSORIES				
End section	Grey	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)	
	Blue	HMD.1/PT (Ex)I (cod. HD301)	HMD.1/PT (Ex)I (cod. HD301)	
	Thickness (mm)	1,5	1,5	
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)	
	PTP version (1)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)	
	Rated current (A)	24	24	
Cross-connection identification strip	Green	-	-	
Internal cross connection (removable)		-	-	
Coloured partition	Red	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)	
Cross connection barrier	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)	
Test plug		-	-	
Modular test plug		SDH/7 (cod. DH007)	SDH/7 (cod. DH007)	
End section for modular test plug		SH7/PT (cod. DH701)	SH7/PT (cod. DH701)	
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	
Screwdriver for activation of the spring		CCH/2,5-4 (cod. CCH02)	CCH/2,5-4 (cod. CCH02)	
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	
		-	-	
		-	-	
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	
	Snap-fit TH35	BT0 (cod. BT007)	BT0 (cod. BT007)	
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	



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GREY VERSION

PART NUMBER
TYPE

HD100GR

HMD.2/GR

BLUE VERSION

PART NUMBER
TYPE

TECHNICAL CHARACTERISTICS

Function/type			two-level feed-through
Rated cross-section		(mm²)	2.5
Connecting capacity	Flexible	(mm²)	0.2-4
	Rigid	(mm²)	0.2-4
	Max. flexible with ferrule - ferrule type	(mm²)	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	630
	Current with rated cross-section	(A)	24
	Section	Caliber	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600
	Current with rated cross-section	(A)	20
	Section Min - Max	(AWG)	24-12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	(V)	400
	Current with rated cross-section	(A)	24
	Operating temperature	(°C)	-40 +110
Rated impulse withstand voltage/pollution degree			8 KV / 3
Insulation stripping length		(mm)	10
Length		(mm)	91
Width		(mm)	5.2
Height mounted on TH35/7.5		(mm)	49
Height mounted on TH35/15		(mm)	56
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material			Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	HMD/PT/GR (cod. HD101GR)
	Blue	-
	Thickness	(mm) 1.5
Cross connection	PTC version (1)	PH/2.5-4 (cod. PH100)
	PTP version (1)	PHD/2 (cod. PHD02)
	Rated current	(A) 24
Cross-connection identification strip	Green	-
Internal cross connection (removable)		PHD/2 (cod. PHD02)
Coloured partition	Red	DFH/4/R (cod. DH04R)
Cross connection barrier	Red	-
Test plug	-	-
Modular test plug	-	-
End section for modular test plug	-	-
Numbering strip	-	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)
Marking tag	-	CNU/8/51 (cod. NU0851S) [only lower level]
	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)



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GREY VERSION	PART NUMBER TYPE	HL200GR HLD.2/GR	HL210GR HLD.2/CI/GR	HL500GR HDE.2/GR
BLUE VERSION	PART NUMBER TYPE	HD510 HLD.2 (EX)I		

TECHNICAL CHARACTERISTICS

Function/type		3 levels	3 levels with internal connection	2 levels + ground
Rated cross-section	(mm²)	2.5	2.5	2.5
Connecting capacity	Flexible	(mm²) 0.2-2.5	0.2-2.5	0.2-2.5
	Rigid	(mm²) 0.2-2.5	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	(mm²) 1.5-WP15/14	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V] 500	500	500
	Current with rated cross-section	[A] 24	24	24
	Section	Caliber B2	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	[V] -	-	-
	Current with rated cross-section	[A] -	-	-
	Section Min - Max	[AWG] -	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V] 400	400	400
	Current with rated cross-section	[A] 24	24	24
	Operating temperature	[°C] -40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	10	10	10
Length	(mm)	95	95	95
Width	(mm)	5.2	5.2	5.2
Height mounted on TH35/7.5	(mm)	75	75	75
Height mounted on TH35/15	(mm)	83	83	83
Insulation material temperature index (EN 60216-1)	[°C]	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey	HLD.2/PT/GR (cod. HL201GR)	HLD.2/PT/GR (cod. HL201GR)	HLD.2/PT/GR (cod. HL201GR)
	Blue	-	-	-
	Thickness	(mm) 1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)
	Rated current	[A] 24	24	24
Cross-connection identification strip	Green	-	-	-
Internal cross connection (removable)		-	-	-
Coloured partition	Red	-	-	-
Cross connection barrier	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug		-	-	-
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



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YELLOW/GREEN VERSION

PART NUMBER
TYPE

HT400

HTE.1

HT410

HTE.1/1+2

HT420

HTE.1/2+2

TECHNICAL CHARACTERISTICS

Function/type		1 level ground terminal block	1 level ground terminal block	1 level ground terminal block
Rated cross-section		[mm²]	1.5	1.5
Connecting capacity	Flexible	[mm²]	0.2-2.5	0.2-2.5
	Rigid	[mm²]	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	[mm²]	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section	Caliber	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	600
	Current with rated cross-section	[A]	-	-
	Section Min - Max	[AWG]	26-14	26-14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V]	400	400
	Current with rated cross-section	[A]	17.5	17.5
	Operating temperature	[°C]	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree			8 KV / 3	8 KV / 3
Insulation stripping length		[mm]	9	9
Length		[mm]	50	61
Width		[mm]	4.2	4.2
Height mounted on TH35/7.5		[mm]	43	43
Height mounted on TH35/15		[mm]	51	51
Insulation material temperature index (EN 60216-1)		[°C]	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	HMT.1/PT/GR (cod. HM401GR)	HMT.1/1+2/PT/GR (cod. HM411GR)	HMT.1/2+2/PT/GR (cod. HM421GR)
	Blue	-	-	-
	Thickness	[mm]	1.5	1.5
Cross connection	PTC version (1)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)
	PTP version (1)	-	-	-
	Rated current	[A]	17.5	17.5
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/2/R (cod. DH02R)	DFH/3/R (cod. DH03R)
Cross connection barrier	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug		-	-	-
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Numbering strip		SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



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YELLOW/GREEN VERSION

PART NUMBER
TYPE

HT500

HTE.2

HT510

HTE.2/1+2

HT520

HTE.2/2+2

TECHNICAL CHARACTERISTICS

Function/type		1 level ground terminal block	1 level ground terminal block	1 level ground terminal block
Rated cross-section	[mm ²]	2.5	2.5	2.5
Connecting capacity	Flexible	[mm ²]	0.2-4	0.2-4
	Rigid	[mm ²]	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type	[mm ²]	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section	Caliber	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	600
	Current with rated cross-section	[A]	-	-
	Section Min - Max	[AWG]	24-12	24-12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V]	500	500
	Current with rated cross-section	[A]	24	24
	Operating temperature	[°C]	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	[mm]	10	10	10
Length	[mm]	54	70	82
Width	[mm]	5.2	5.2	5.2
Height mounted on TH35/7.5	[mm]	41	41	41
Height mounted on TH35/15	[mm]	49	49	49
Insulation material temperature index (EN 60216-1)	[°C]	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	HMT.2/PT/GR (cod. HM501GR)	HMT.2/1+2/PT/GR (cod. HM511GR)	HMT.2/2+2/PT/GR (cod. HM521GR)
	Blue	-	-	-
	Thickness [mm]	1.5	1.5	1.5
Cross connection*	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)
	Rated current [A]	24	24	24
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/2/R (cod. DH02R)	DFH/3/R (cod. DH03R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Marking tag		-	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

*Not for ATEX applications

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm ²	Short-time withstand current 1s kA	Thermal rated current of a PEN busbar A
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232



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YELLOW/GREEN VERSION

PART NUMBER

TYPE

HT250

HTE.4

HT260

HTE.4/1+2

HT270

HTE.4/2+2

TECHNICAL CHARACTERISTICS

Function/type		1 level ground terminal block	1 level ground terminal block	1 level ground terminal block
Rated cross-section	[mm ²]	4	4	4
Connecting capacity	Flexible	0.2-6	0.2-6	0.2-6
	Rigid	0.2-6	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	4-WP40/16	4-WP40/16	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Section	Caliber A4	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600	600
	Current with rated cross-section	-	-	-
	Section Min - Max	24-10	24-10	24-10
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	500	500	500
	Current with rated cross-section	32	32	32
	Operating temperature	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	[mm]	12	12	12
Length	[mm]	58	78	98
Width	[mm]	6.2	6.2	6.2
Height mounted on TH35/7.5	[mm]	45	45	45
Height mounted on TH35/15	[mm]	52	52	52
Insulation material temperature index (EN 60216-1)	[°C]	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	HMT.4/PT/GR [cod. HM251GR]	HMT.4/1+2/PT/GR [cod. HM211GR]	HMT.4/2+2/PT/GR [cod. HM221GR]
	Blue	-	-	-
	Thickness [mm]	1.5	1.5	1.5
Cross connection*	PTC version [1]	PTC/5/... [cod. PTC05...]	PTC/5/... [cod. PTC05...]	PTC/5/... [cod. PTC05...]
	PTP version [1]	PTP/5/... [cod. PTP05...]	PTP/5/... [cod. PTP05...]	PTP/5/... [cod. PTP05...]
	Rated current [A]	32	32	32
Cross-connection identification strip	Green	PTC/SP [cod. PTC0990]	PTC/SP [cod. PTC0990]	PTC/SP [cod. PTC0990]
Coloured partition	Red	DFH/1/R [cod. DH01R]	DFH/1/R [cod. DH01R]	DFH/1/R [cod. DH01R]
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 [cod. DD001]	SDD/1 [cod. DD001]	SDD/1 [cod. DD001]
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Numbering strip		CNU/8/61 [cod. NU0861S]	CNU/8/61 [cod. NU0861S]	CNU/8/61 [cod. NU0861S]
Screwdriver for activation of the spring		CCH/2.5-4 [cod. CCH02]	CCH/2.5-4 [cod. CCH02]	CCH/2.5-4 [cod. CCH02]
		CNU/8/61 [cod. NU0861S]	CNU/8/61 [cod. NU0861S]	CNU/8/61 [cod. NU0861S]
Marking tag		-	-	-
End bracket	Snap-fit TH35 and G32	BTU [cod. BT005]	BTU [cod. BT005]	BTU [cod. BT005]
	Snap-fit TH35	BTO [cod. BT007]	BTO [cod. BT007]	BTO [cod. BT007]
	Screw TH35	BT/3 [cod. BT003]	BT/3 [cod. BT003]	BT/3 [cod. BT003]

*Not for ATEX applications

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm ²	Short-time withstand current 1s kA	Thermal rated current of a PEN busbar A
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232



INERIS 16 ATEX 9002 U
I M2 Ex e I Mb
II 2 G Ex E IIC Gb

IECEx INE 16.0032U
Ex e I Mb
Ex e IIC Gb

(1) See chapter accessories for more details



YELLOW/GREEN VERSION

PART NUMBER
TYPE

HT320

HTE.6

HT330

HTE.10

HT340

HTE.16

TECHNICAL CHARACTERISTICS

Function/type		1 level ground terminal block	1 level ground terminal block	1 level ground terminal block
Rated cross-section	[mm ²]	6	10	16
Connecting capacity	Flexible	0.2-10	1.5-16	1.5-25
	Rigid	0.2-10	1.5-16	1.5-25
	Max. flexible with ferrule - ferrule type	6-WP60/20	10-WP100/21	16-WP160/22
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Section	Caliber A5	A6	A7
Electrical characteristics According to UL	Max AC/DC Voltage	600	600	600
	Current with rated cross-section	-	-	-
	Section Min - Max	24-8	20-6	18-4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	500	500	630
	Current with rated cross-section	41	57	76
	Operating temperature	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	12 KV / 3	12 KV / 3
Insulation stripping length	[mm]	13	18	18
Length	[mm]	62	71	80
Width	[mm]	8.2	10	12
Height mounted on TH35/7.5	[mm]	48	53	56
Height mounted on TH35/15	[mm]	56	61	64
Insulation material temperature index (EN 60216-1)	[°C]	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	HMT.6/PT/GR (cod. HM321GR)	HMT.10/PT (cod. HM331GR)	HMT.16/PT (cod. HM341GR)
	Blue	-	-	-
Cross connection*	Thickness	1.5	1.5	1.5
	PTC version (1)	PTC/8/... (cod. PTC08...)	PTC/11/... (cod. PTC11...)	PTC/16/... (cod. PTC16...)
	PTP version (1)	-	-	-
Cross-connection identification strip	Rated current	41	57	76
	Green	PTC/SP (cod. PTC0990)	-	-
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/4/R (cod. DH04R)	DFH/4/R (cod. DH04R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Numbering strip		-	-	-
Screwdriver for activation of the spring		CCH/6 (cod. CCH06)	CCH/6 (cod. CCH06)	CCH/6 (cod. CCH06)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Marking tag		-	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

*Not for ATEX applications

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm ²	Short-time withstand current 1s kA	Thermal rated current of a PEN busbar A
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232



INERIS 16 ATEX 9002 U
I M2 Ex e I Mb
II 2 G Ex e IIC Gb

IECEx INE 16.0032U
Ex e I Mb
Ex e IIC Gb

(1) See chapter accessories for more details



YELLOW/GREEN VERSION

PART NUMBER
TYPE

HLT500

HTTE.2

TECHNICAL CHARACTERISTICS

Function/type			3 levels ground terminal block
Rated cross-section		(mm ²)	2.5
	Flexible	(mm ²)	0.2-2.5
	Rigid	(mm ²)	0.2-2.5
Connecting capacity	Max. flexible with ferrule - ferrule type	(mm ²)	1.5-WP15/14
	Max AC/DC Voltage	(V)	-
	Current with rated cross-section	(A)	-
Electrical characteristics According to European standard IEC EN 60947-7-2	Section	Caliber	B2
	Max AC/DC Voltage	(V)	-
	Current with rated cross-section	(A)	-
Electrical characteristics According to UL	Section Min - Max	(AWG)	-
	Max AC/DC voltage	(V)	400
	Current with rated cross-section	(A)	24
Electrical characteristics According to ATEX directive and IEC ex standard	Operating temperature	(°C)	-40 +110
	Rated impulse withstand voltage/pollution degree		8 KV / 3
	Insulation stripping length	(mm)	10
Length		(mm)	95
Width		(mm)	5.2
Height mounted on TH35/7.5		(mm)	75
Height mounted on TH35/15		(mm)	83
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material			Polyamide UL94V-0



APPROVALS



ACCESSORIES

End section	Grey		HLD.2/PT/GR (cod. HL2016R)
	Blue		-
	Thickness	(mm)	1.5
Cross connection*	PTC version (1)		PTC/03/... (cod. PTC03...)
	PTP version (1)		PTP/03/... (cod. PTP03...)
	Rated current	(A)	24
Cross-connection identification strip	Green		-
Internal cross connection (removable)			-
Coloured partition	Red		-
Cross connection barrier	Red		DFM/500 (cod. DF500)
Test plug			-
Modular test plug			-
End section for modular test plug			-
Numbering strip			CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring			CCH/2.5-4 (cod. CCH02)
Marking tag			CNU/8/51 (cod. NU0851S)
			-
			-
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)

*Not for ATEX applications



(1) See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	HMS20GR HMM.2/1+2/S/GR	HMS10GR HMM.2/2+2/S/GR	HM170GR HMM.2/2+2/A/GR
BLUE VERSION	PART NUMBER TYPE			

TECHNICAL CHARACTERISTICS

Function/type	disconnect	disconnect	disconnect (open version)
Rated cross-section	(mm²) 2.5	2.5	2.5
Connecting capacity	Flexible (mm²) 0.2-4	0.2-4	0.2-4
	Rigid (mm²) 0.2-4	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type (mm²) 2.5-WP25/14	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V) 400	400	400
	Current with rated cross-section (A) 16	16	16
	Section Caliber A3	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage (V) -	-	-
	Current with rated cross-section (A) -	-	-
	Section Min - Max (AWG) -	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage (V) -	-	-
	Current with rated cross-section (A) -	-	-
	Operating temperature (°C) -	-	-
Rated impulse withstand voltage/pollution degree	6 KV / 3	6 KV / 3	4 KV / 3
Insulation stripping length (mm) 10	10	10	10
Length (mm) 66	82	82	
Width (mm) 5.2	5.2	5.2	5.2
Height mounted on TH35/7.5 (mm) 48	48	37	
Height mounted on TH35/15 (mm) 56	56	45	
Insulation material temperature index (EN 60216-1) (°C) 130	130	130	130
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey	HMT.2/1+2/PT/GR (cod. HM511GR)	HMT.2/2+2/PT/GR (cod. HM521GR)	HMT.2/2+2/PT/GR (cod. HM521GR)
	Blue	-	-	-
	Thickness (mm) 1.5	1.5	1.5	1.5
Cross connection	PTC version (1)	-	-	-
	PTP version (1)	-	-	-
	Rated current (A) -	-	-	-
Cross-connection identification strip	Green	-	-	-
Coloured partition	Red	DFH/2/R (cod. DH02R)	DFH/3/R (cod. DH03R)	DFH/3/R (cod. DH03R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)	SDH/5 (cod. DH005)	SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)	SH5/PT (cod. DH501)	SH5/PT (cod. DH501)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- disconnect by lever and by slide link
- for test and measurement circuits



(1) See chapter accessories for more details

GREY VERSION		PART NUMBER TYPE	HS200GR HMS.2/GR	HB100GR HSCB.4/GR	HB200GR HSCB.6/GR
TECHNICAL CHARACTERISTICS					
Function/type			disconnect by lever	disconnect by slide link	disconnect by slide link
Rated cross-section		(mm ²)	2.5	4	6
Connecting capacity	Flexible	(mm ²)	0.2-4	0.2-6	0.2-10
	Rigid	(mm ²)	0.2-4	0.2-6	0.2-10
	Max. flexible with ferrule - ferrule type	(mm ²)	2.5-WP25/14	4-WP40/16	6-WP60/20
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	400	800	800
	Current with rated cross-section	(A)	16	32	41
	Section	Caliber	A3	A4	A5
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600	600	600
	Current with rated cross-section	(A)	24	30	35
	Section Min - Max	(AWG)	24-12	28-10	24-8
Rated impulse withstand voltage/pollution degree			6 KV / 3	6 KV / 3	6 KV / 3
Insulation stripping length		(mm)	10	12	13
Length		(mm)	66	86	97
Width		(mm)	5.2	6.2	8.2
Height mounted on TH35/7.5		(mm)	37	45	48
Height mounted on TH35/15		(mm)	45	53	56
Insulation material temperature index (EN 60216-1)		(°C)	130	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0
APPROVALS			    	    	    
ACCESSORIES					
End section	Grey		HMT.2/1+2/PT/GR (cod. HM511GR)	HSCB.4/PT/GR (cod. HB101GR)	HSCB.6/PT/GR (cod. HB201GR)
	Blue		-	-	-
	Thickness	(mm)	1.5	1.5	1.5
Cross connection	PTC version (1)		PTC/03/... (cod. PTC03...)	PTC/05/... (cod. PTC05...)	PTC/8/... (cod. PTC08...)
	PTP version (1)		PTP/03/... (cod. PTP03...)	PTP/05/... (cod. PTP05...)	-
	Rated current	(A)	24	32	41
Cross-connection identification strip	Green		-	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red		DFH/2/R (cod. DH02R)	DFH/4/R (cod. DH04R)	-
Cross connection barrier	Red		-	-	DFM/500 (cod. DF500)
Test plug			SDD/1 (cod. DD001)	-	SDD/1 (cod. DD001)
Modular test plug			SDH/5 (cod. DH005)	SDH/6 (cod. DH006)	-
End section for modular test plug			SH5/PT (cod. DH501)	SH6/PT (cod. DH601)	-
Numbering strip			CNU/8/51 (cod. NU0851S)	CNU/8/61 (cod. NU0861S)	-
Screwdriver for activation of the spring			CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/6 (cod. CCH06)
Screw and sleeve for short-circuit plates (with socket)			-	HSCB/4/CPM (cod. HB405)	HSCB/6/CPM (cod. HB205)
Short-circuit plate	2 poles		-	HSCB/4/PO/2 (cod. HB403)	HSCB/6/PO/2 (cod. HB203)
	4 poles		-	HSCB/4/PO/4 (cod. HB404)	HSCB/6/PO/4 (cod. HB204)
Marking tag			CNU/8/51 (NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



HB210GR sigla HSCB.6/DD/GR
per circuito voltmetrici



HB220GR sigla HSCB.6/CD/GR
per circuiti amperometrici

For technical information, consult the technical data sheet online

- for $\varnothing 5 \times 20$ mm or $\varnothing 6.3 \times 32$ mm fuses (supplied separately), with possible warning of any broken fuse through LED microcircuit (CIL/...) or [only HFR.4/GR] neon light (LSN)
- available in grey (RAL 7042)
- can be coupled with all HMM.4/... terminal blocks

[1] See chapter accessories for more details



GREY VERSION		PART NUMBER TYPE	HF310GR HFR.4/M/GR	HF210GR HFR.4/GR
TECHNICAL CHARACTERISTICS				
Function/type			for $\varnothing 5 \times 20$ mm fuse	for $\varnothing 6.3 \times 32$ mm fuse
Rated cross-section		(mm ²)	4	4
Connecting capacity	Flexible	(mm ²)	0.2-6	0.2-6
	Rigid	(mm ²)	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	(mm ²)	4-WP40/16	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	500	500
	Current with rated cross-section	(A)	6.3 A (10 A with C0/5)	10
	Section	Caliber	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600	600
	Current with rated cross-section	(A)	10	15
	Section Min-Max	(AWG)	28 - 10	28 - 10
Rated impulse withstand voltage/pollution degree			4 kV / 3	4 kV / 3
Insulation stripping length		(mm)	12	12
Length		(mm)	78	78
Width		(mm)	6.2	8.2
Height mounted on TH35/7,5		(mm)	70	70
Height mounted on TH35/15		(mm)	78	78
Insulation material temperature index (EN 60216-1)		(°C)	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	HFR.4/PT/GR (cod. HF211GR)	-
	Blue	-	-
	Thickness (mm)	1.5	-
Cross connection	PTC version [1]	PTC/5/... (cod. PTC05...)	PTC/51/... (cod. PTC51...)
	PTP version [1]	-	-
	Rated current (A)	32	32
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/4/R (cod. DH04R)	DFH/4/R (cod. DH04R)
Cross connection barrier	Red	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Miniature fuse	$\varnothing 5 \times 20$ mm	F5/... (cod. FN...)	-
Conductive element	$\varnothing 5 \times 20$ mm	C0/5 (cod. VL103)	-
Warning circuit		CIL/HFR/M/12-48 (cod. HF518M)	CIL/HFR/12-48 (cod. HF518)
Warning circuit		CIL/HFR/M/115-230 (cod. HF510M)	CIL/HFR/115-230 (cod. HF510)
Terminal block with 12-48 V non-polarized LED circuit		HFR.4/M/GR/C12-48 (cod. HF918MGR)	HFR.4/GR/C115-230 (cod. HF910GR)
Terminal block with 115-230 V non-polarized LED circuit		HFR.4/M/GR/C115-230 (cod. HF910MGR)	HFR.4/M/GR/C115-230 (cod. HF910MGR)
Numbering strip		CNU/8/61 (cod. NU0861S)	-
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
End bracket	Snap-fit TH35	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Snap TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- for "blade" fuse according to DIN 72581/3F – ISO 8820 and for Ø 5 x 20 mm fuses (all supplied separately)
- modular with component-holder cartridge CPF05, this one should be provided empty or already composed with electronic circuits (for more details see accessories chapter)



[1] See chapter accessories for more details

GREY VERSION		PART NUMBER	HF300GR
		TYPE	HMFA.2/GR
TECHNICAL CHARACTERISTICS			
Function/type		for blade fuse and component-holder cartridge	
Rated cross-section		(mm ²)	2.5
Connecting capacity	Flexible	(mm ²)	0.2–4
	Rigid	(mm ²)	0.2–4
	Max. flexible with ferrule - ferrule type	(mm ²)	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	400
	Current with rated cross-section	(A)	6.3
	Section	Caliber	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600
	Current with rated cross-section	(A)	6.3
	Section Min-Max	(AWG)	26-12
Rated impulse withstand voltage/pollution degree			4 KV / 3
Insulation stripping length		(mm)	10
Length		(mm)	66
Width		(mm)	5.2
Height mounted on TH35/7,5		(mm)	41
Height mounted on TH35/15		(mm)	49
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material			Polyamide UL94V-0
			
APPROVALS			
ACCESSORIES			
End section	Grey		HMT.2/1+2/PT/GR [cod. HM511GR]
	Blue		-
	Thickness	(mm)	1.5
Cross connection	PTC version [1]		PTC/03/... [cod. PTC03...]
	PTP version [1]		PTP/03/... [cod. PTP03...]
	Rated current	(A)	24
Cross connection identification strip	Green		-
Coloured partition	Red		DFH/2/R [cod. DH02R]
Cross connection barrier	Red		
Test plug			SDD/1 [cod. DD001]
Modular test plug			SDH/5 [cod. DH005]
End section for modular test plug			SH5/PT [cod. DH501]
Screwdriver for activation of the spring			CCH/2.5-4 [cod. CCH02]
Component-holder cartridge	[1]		CPF/5 (CPF05)
Blade-type fuses according to DIN 72581/3F ISO 8820 max voltage 32 V In = 2 A, 5A, 7.5A, 15A			F32/... [cod. FN032...]
Numbering strip			CNU/8/51 [cod. NU0851S]
Marking tag			CNU/8/51 [cod. NU0851S]
End bracket	Snap-fit TH35		BTU [cod. BT005]
	Snap-fit TH35		BTO [cod. BT007]
	Snap TH35		BT/3 [cod. BT003]

MAX. DISSIPATED POWER IN CONF. WITH IEC 60947-7-3				
Terminal block	MPFA.4 + CPF/5	DSFA.4 + CPF/5	HMFA.2 + CPF/5	
Voltage (V)	250	250	250	
Current (A)	6.3	6.3	6.3	
Protection against overload and short circuit	Single configuration (PV) - (W)	1.6	1.6	1.6
	Composite configuration (PV) - (W)	1.6	1.6	1.6
Only protection against short circuit	Single configuration (PVK) - (W)	4	4	4
	Composite configuration (PVK) - (W)	1.6	1.6	1.6

- versions made ready for housing electronic components



(1) See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	HD130GR HMD.1/X/GR	HD440GR HMD.2N/X/GR	HD441GR HMD.2N/X1/GR
BLUE VERSION	PART NUMBER TYPE			

TECHNICAL CHARACTERISTICS

Function/type			 two level, arranged to contain electronic components	 two level, arranged to contain electronic components	 two-level, upper feed-through and lower disconnect
Rated cross-section			1.5	2.5	2.5
Connecting capacity	Flexible	(mm²)	0.2-2.5	0.2-2.5	0.2-2.5
	Rigid	(mm²)	0.2-2.5	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	(mm²)	1.5-WP15/14	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	500	630	630
	Current with rated cross-section	[A]	16	24	24
	Section	Caliber	B2	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	-	-
	Current with rated cross-section	[A]	15	-	-
	Section Min - Max	[AWG]	26-14	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V]	-	-	-
	Current with rated cross-section	[A]	-	-	-
	Operating temperature	[°C]	-	-	-
Rated impulse withstand voltage/pollution degree			6 KV / 3	6 KV / 3	8 KV / 3
Insulation stripping length			10	10	10
Length			73	73	73
Width			4.2	5.2	5.2
Height mounted on TH35/7.5			59	59	59
Height mounted on TH35/15			67	67	67
Insulation material temperature index (EN 60216-1)			130	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES					
End section	Grey		HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)
	Blue		-	-	-
	Thickness	(mm)	1.5	1.5	1.5
Cross connection	PTC version (1)		PTC/1/... (cod. PTC01...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)		-	-	-
	Rated current	[A]	17.5	24	24
Cross-connection identification strip	Green		PTC/SP (cod. PTC0990)	-	-
Internal cross connection (removable)			-	-	-
Coloured partition	Red		DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)
Cross connection barrier	Red		DFM/500 (cod. DF500)	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug			-	-	-
Modular test plug			SDH/4 (cod. DH004)	SDH/7 (cod. DH007)	SDH/7 (cod. DH007)
End section for modular test plug			SH4/PT (cod. DH401)	SH7/PT (cod. DH701)	SH7/PT (cod. DH701)
Numbering strip			SHZ/1 (cod. SH004)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring			CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag			SHZ/1 (cod. SH004)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
			-	-	-
			-	-	-
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- Versions made ready for housing electronic components



GREY VERSION

PART NUMBER
TYPE

HD420GR

HMD.2N/DD/GR

HD430GR

HMD.2N/3DC/GR

BLUE VERSION

PART NUMBER
TYPE

TECHNICAL CHARACTERISTICS

Function/type			version equipped with two 1N4007 diodes in feed-through configuration for each level	version equipped with three 1N4007 diodes and shared cathode
Rated cross-section			(mm ²) 2.5	2.5
Connecting capacity	Flexible	(mm ²)	0.2-2.5	0.2-2.5
	Rigid	(mm ²)	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	(mm ²)	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	630	630
	Current with rated cross-section	[A]	24	24
	Section	Caliber	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section Min - Max	[AWG]	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Operating temperature	[°C]	-	-
Rated impulse withstand voltage/pollution degree			6 KV / 3	6 KV / 3
Insulation stripping length			(mm) 10	10
Length			(mm) 73	73
Width			(mm) 5.2	5.2
Height mounted on TH35/7.5			(mm) 59	59
Height mounted on TH35/15			(mm) 67	67
Insulation material temperature index (EN 60216-1)			(°C) 130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)
	Blue	-	-
	Thickness (mm)	1.5	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	-	-
	Rated current [A]	24	24
Cross-connection identification strip	Green	-	-
Internal cross connection (removable)		-	-
Coloured partition	Red	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)
Cross connection barrier	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug		-	-
Modular test plug		SDH/7 (cod. DH007)	SDH/7 (cod. DH007)
End section for modular test plug		SH7/PT (cod. DH701)	SH7/PT (cod. DH701)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-
		-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BT0 (cod. BT007)	BT0 (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- spring system with connector plug



(1) See chapter accessories for more details

(2) dimensions with inserted connector

GREY VERSION	PART NUMBER TYPE	HVP300GR	HVP900GR	HVP910GR
		HVPC.2/GR	CHP.2/GR	CHP.2D/GR
BLUE VERSION	PART NUMBER TYPE	HVP305	HVP905	HVP915
		HVPC.2 (EX)I	CHP.2 (EX)I	CHP.2D (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed trough for connectors	female connector for one conductor	female connector for two conductors
Rated cross-section	(mm²)	2.5	2.5	2.5
Connecting capacity	Flexible	(mm²) 0.2-4	0.2-4	0.2-4
	Rigid	(mm²) 0.2-4	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type	(mm²) 2.5-WP25/14	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 800	500	500
	Current with rated cross-section	(A) 24	24	24
	Section	Caliber A3	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) -	-	-
	Section Min-Max	(AWG) -	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) -	-	-
	Operating temperature	(°C) -	-	-
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	10	10	10
Length	(mm)	50	58 (2)	58 (2)
Width	(mm)	5.2	5.2	5.2
Height mounted on TH35/7,5	(mm)	41	67 (2)	67 (2)
Height mounted on TH35/15	(mm)	49	75 (2)	75 (2)
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey	HVPC.2/PT/GR (cod. HVP301GR)	CHP.2/PT/GR (cod. HVP901GR)	CHP.2D/PT/GR (cod. HVP911GR)
	Blue	-	-	-
	Thickness (mm)	1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	PTP/03/... (cod. PTC03...)	PTP/03/... (cod. PTC03...)	PTP/03/... (cod. PTC03...)
	Rated current (A)	24	24	24
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/1/R (cod. DH01R)	DFH/1/R (cod. DH01R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)	SDH/5 (cod. DH005)	SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)	SH5/PT (cod. DH501)	SH5/PT (cod. DH501)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Marking tag		-	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	-	-
End bracket	Snap-fit TH35	BTO (cod. BT007)	-	-
End bracket	Screw TH35	BT/3 (cod. BT003)	-	-

- spring system with connector plug for ground connections



(1) See chapter accessories for more details

(2) dimensions with inserted connector

YELLOW/GREEN VERSION

PART NUMBER
TYPE

HVT500

HVTE.2

HVT900

CHTE.2

HVT910

CHTE.2D

TECHNICAL CHARACTERISTICS

Function/type					
Rated cross-section		[mm ²]	2.5	2.5	2.5
Connecting capacity	Flexible	[mm ²]	0.2-4	0.2-4	0.2-4
	Rigid	[mm ²]	0.2-4	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type	[mm ²]	2.5-WP25/14	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-	-
	Current with rated cross-section	[A]	-	-	-
	Section	Caliber	A3	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	600	600
	Current with rated cross-section	[A]	-	-	-
	Section Min-Max	[AWG]	28-12	28-12	28-12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	[V]	-	-	-
	Current with rated cross-section	[A]	-	-	-
	Operating temperature	[°C]	-	-	-
Rated impulse withstand voltage/pollution degree			8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length		[mm]	10	10	10
Length		[mm]	50	58 (2)	58 (2)
Width		[mm]	5.2	5.2	5.2
Height mounted on TH35/7,5		[mm]	41	67 (2)	67 (2)
Height mounted on TH35/15		[mm]	49	75 (2)	75 (2)
Insulation material temperature index (EN 60216-1)		[°C]	130	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	HVPC.2/PT/GR (cod. HVP301GR)	CHP.2/PT/GR (cod. HVP901GR)	CHP.2D/PT/GR (cod. HVP911GR)
	Blue	-	-	-
	Thickness [mm]	1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	PTP/03/... (cod. PTC03...)	PTP/03/... (cod. PTC03...)	PTP/03/... (cod. PTC03...)
	Rated current [A]	24	24	24
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFH/1/R (cod. DH01R)	DFH/1/R (cod. DH01R)	DFH/1/R (cod. DH01R)
Cross connection barrier	Red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)	SDH/5 (cod. DH005)	SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)	SH5/PT (cod. DH501)	SH5/PT (cod. DH501)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Marking tag		-	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	-	-
End bracket	Snap-fit TH35	BTO (cod. BT007)	-	-
End bracket	Screw TH35	BT/3 (cod. BT003)	-	-

- for female connectors pitch 5.08 mm – on two levels



GREY VERSION

PART NUMBER
TYPE

HC200GR

HCD.1/GR

BLUE VERSION

PART NUMBER
TYPE

HC210

HCD.1 (EX)I

TECHNICAL CHARACTERISTICS

Function/type			2 level feed-through with 2 screw connections and 2 pins for connectors
Rated cross-section		(mm²)	1.5
Connecting capacity	Flexible	(mm²)	0.2–2.5
	Rigid	(mm²)	0.2–2.5
	Max. flexible with ferrule - ferrule type	(mm²)	1.5–WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	320
	Current with rated cross-section	[A]	12
	Section	Caliber	B2
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	300
	Current with rated cross-section	[A]	12
	Section Min-Max	[AWG]	26 - 14
Rated impulse withstand voltage/pollution degree			6 kV / 3
Insulation stripping length		(mm)	10
Width		(mm)	5.08
Length		(mm)	72
Height mounted on TH35/7,5		(mm)	59
Height mounted on TH35/15		(mm)	67
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material			Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey		HCD.1/PT/GR (cod. HC201GR)
	Blue		HCD.1/PT[Ex]I (cod. HC211)
	Thickness	(mm)	3
Cross connection	PTC version (1)		PTC/2/... (cod. PTC02...)
	PTP version (1)		-
	Rated current	[A]	24
Cross connection identification strip	Green		-
Coloured partition	Red		DFU/7/R (cod. DU07R)
Cross connection barrier	Red		DFM/500 (cod. DF500)
Test plug			-
Modular test plug			-
End section for modular test plug			-
Protection cover for 10-pole shanks			VPC/VT (cod. VP102)
Numbering strip			CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring			CCH/2.5-4 (cod. CCH02)
Marking tag			CNU/8/51 (cod. NU0851S)
Marking tag			-
End bracket	Snap-fit TH35		BTO (cod. BT007)
End bracket	Screw TH35		BT/3 (cod. BT003)



Detail of PTC jumper with DFM/500 barriers, **CNU/8/51** numbering strips and VPC/VT lug protection covers



Detail with 5.08 mm female connectors inserted on the two levels and the lug protection covers raised

Female connectors, 90°–5.08 mm pitch and with a number of poles from 2 to 16, are available. The connector can be easily inserted until it reaches its blocking position, guaranteeing optimum connection onto the male contact. In this position the connector is hooked onto the insulating body with the holding tooth with which it is fitted.

VPC/F02	2 poles	Cat. No.	VP902
VPC/F03	3 poles	Cat. No.	VP903
VPC/F04	4 poles	Cat. No.	VP904
VPC/F05	5 poles	Cat. No.	VP905
VPC/F06	6 poles	Cat. No.	VP906
VPC/F07	7 poles	Cat. No.	VP907
VPC/F08	8 poles	Cat. No.	VP908
VPC/F09	9 poles	Cat. No.	VP909
VPC/F10	10 poles	Cat. No.	VP910
VPC/F11	11 poles	Cat. No.	VP911
VPC/F12	12 poles	Cat. No.	VP912
VPC/F13	13 poles	Cat. No.	VP913
VPC/F14	14 poles	Cat. No.	VP914
VPC/F15	15 poles	Cat. No.	VP915
VPC/F16	16 poles	Cat. No.	VP916

- space saving
- mounting only on PR/2 TH/15



INERIS 16 ATEX 9002 U
I M2 Ex e I Mb
II 2 G Ex E IIC Gb

IECEX INE 16.0032U
Ex e I Mb
Ex e IIC Gb

(1) See chapter accessories for more details



GREY VERSION

PART NUMBER
TYPE

HP170GR

HPP.2/GR

HP150GR

HP.2/GR

BLUE VERSION

PART NUMBER
TYPE

HI132

HPP.2 (EX)I

HI130

HP.2 (EX)I

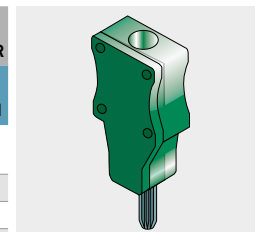
TECHNICAL CHARACTERISTICS

Function/type			feed-through	feed-through
Rated cross-section			(mm²)	(mm²)
Connecting capacity	Flexible	(mm²)	0.2-4	0.2-4
	Rigid	(mm²)	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type	(mm²)	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	800	800
	Current with rated cross-section	(A)	24	24
	Section	Caliber	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600	600
	Current with rated cross-section	(A)	20 / 24	20 / 24
	Section Min-Max	(AWG)	28-12	28-12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V)	630	630
	Current with rated cross-section	(A)	24	24
	Operating temperature	(°C)	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree			8 KV / 3	8 KV / 3
Insulation stripping lenght			(mm)	(mm)
Lenght			36	36
Width			(mm)	(mm)
Height mounted on panel			36	36
Insulation material temperature index (EN 60216-1)			(°C)	(°C)
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	HP/PT/GR (cod. HP101GR)	HPV/PT/GR (cod. HV111GR)
	Blue	-	-
Cross connection	Thickness (mm)	1.5	1.5
	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	-	-
Cross connection identification strip	Rated current (A)	24	24
	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFP/2/R (cod. DFP2R)	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)	SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)	SH5/PT (cod. DH501)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		SHZ/2 (cod. SH001)	SHZ/2 (cod. SH001)
End bracket	Screw TH15	BT/2 (cod. BT006)	BT/2 (cod. BT006)



Modular test plug



In electrical panels where the spaces are particularly limited and in any case when a high wiring density is required, Cabur proposes, also for the connection with spring technology, a series of mini terminal blocks, for conductors up to 4 mm². The range comprises three versions, for panel mounting (fixing with screw or clip) and for mounting on 15 mm PR/2 guide, according to IEC 60715. The particular conformation of the insulating body of the three types of terminal blocks enables snap-in coupling of each of them, including between terminal blocks of different types, in order to ensure the maximum flexibility of use.

SUGGESTED COMPOSITION: for mounting terminal boards made up of **HPP.2/GR** terminal blocks a conformation of the terminal board of four **HP.2/GR** for every **HPP.2/GR** is recommended. If instead it is necessary to remove the terminal board thus made up from the guide, it is recommended to separate units made up of a **HPP.2/GR** and remove one at a time, with the aid of an opportune screwdriver (CCH/2,5-4), acting in the specific slots.

- panel mount by means of clips
- fixing hole Ø 3.5 mm
- panel thickness 0.6 – 1.2 mm



INERIS 16 ATEX 9002 U
I M2 Ex e I Mb
II 2 G Ex E IIC Gb

IECEx INE 16.0032U
Ex e I Mb
Ex e IIC Gb

(1) See chapter accessories for more details



GREY VERSION

PART NUMBER
TYPE

HP160GR

HPC.2/GR

BLUE VERSION

PART NUMBER
TYPE

HI131

HPC.2 (EX)I

TECHNICAL CHARACTERISTICS

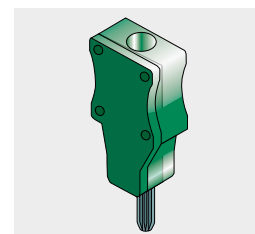
Function/type		feed-through
Rated cross-section		(mm²) 2.5
Connecting capacity	Flexible	(mm²) 0.2–4
	Rigid	(mm²) 0.2–4
	Max. flexible with ferrule - ferrule type	(mm²) 2.5–WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 800
	Current with rated cross-section	(A) 24
	Section	Caliber A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600
	Current with rated cross-section	(A) 20 / 24
	Section Min-Max	(AWG) 28–12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) 630
	Current with rated cross-section	(A) 24
	Operating temperature	(°C) -40 +110
Rated impulse withstand voltage/pollution degree		8 kV / 3
Insulation stripping length		(mm) 10
Length		(mm) 36
Width		(mm) 5.2
Height mounted on panel		(mm) 31
Insulation material temperature index (EN 60216-1)		(°C) 130
Plastic material		Polyamide UL94V-0



APPROVALS

ACCESSORIES

End section	Grey	HPV/PT/GR (cod. HV111GR)
	Blue	-
	Thickness (mm)	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)
	PTP version (1)	-
	Rated current (A)	24
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)
Coloured partition	Red	-
Test plug		SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)
Marking tag		SHZ/2 (cod. SH001)
End bracket	Screw TH15	BT/2 (cod. BT006)



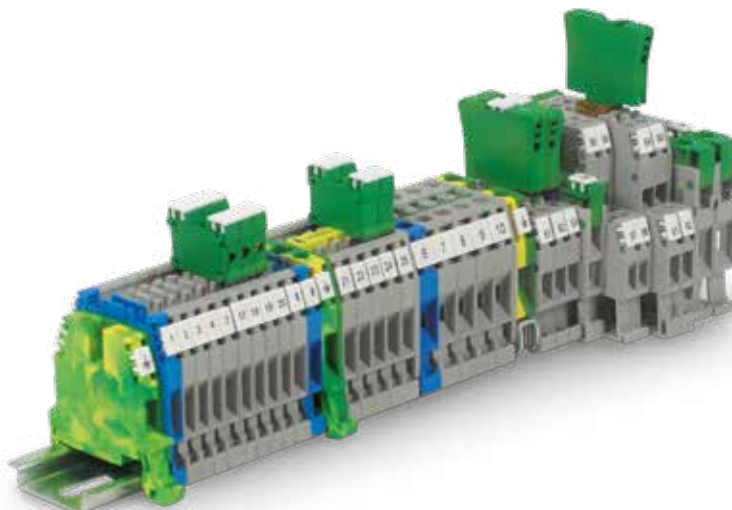
Modular test plug



In electrical panels where the spaces are particularly limited and in any case when a high wiring density is required, Cabur proposes, also for the connection with spring technology, a w of mini terminal blocks, for conductors up to 4 mm². The range comprises three versions, for panel mounting (fixing with screw or clip) and for mounting on 15 mm PR/2 guide.

The particular conformation of the insulating body of the three types of terminal blocks enables snap-in coupling of each of them, including between terminal blocks of different types, in order to ensure the maximum flexibility of use.

Screw-Clamp Terminal Blocks



CESI 08 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0002U
Ex eb I Mb
Ex eb IIC Gb

- Reduced overall dimensions
- Mounting on PR/3 rails according IEC 60715, TH/35 type
- Nominal voltage 1000 V
- Maximum continual operating temperature 130°C

- Double possibility of inserting multi-pole PTC cross connections, with no need for additional insulating covers, thanks to the patented "Easy Bridge" (PTC) system and to the new "Easy Bridge Plus" (PTP)
- Available in grey and blue; for other available colours refer to the single versions

Easy Bridge System

The Cross connection can be supplied in "standard" size, for 2-3-5-10 poles, or in 250-mm-long bars. The "Easy Bridge" connection system guarantees the widest possibility of transversal connection, including offset.

POLE JUMP POSSIBILITY



SDC
mounted



SDC/P
mounted



SDC - SDC/P
with conductors



DFM/900



DFM/800



After cutting the bar for the number of poles necessary, insert the cross connection in the special cavity of the terminal block.

At this point working with the tip of a screwdriver, push the cross connection up to the locking point. The cross connection will be completely isolated and intrinsically IPXXB protected.



After inserting the cross connection, the poles connected can be highlighted with the aid of the green insert, PTC/SP. This accessory is supplied in the standard length of 100 mm and can easily be sliced with the aid of a simple cutter.



To remove the cross connection it is sufficient to remove the PTC/SP insert, insert the tip of the screwdriver in the slot of the cross connection itself, lever it and pull it out.



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I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0002U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details



GREY VERSION	PART NUMBER	CBC02GR	CBC04GR	CBC06GR
	TYPE	CBC.2/GR	CBC.4/GR	CBC.6/GR
BLUE VERSION	PART NUMBER	CBI02	CBI04	CBI06
	TYPE	CBC.2 (EX)I	CBC.4 (EX)I	CBC.6 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	2.5	4	6
Connecting capacity	Flexible	0,2 ÷ 4	0,2 ÷ 6	0,5 ÷ 10
	Rigid	0,2 ÷ 4	0,2 ÷ 6	0,5 ÷ 10
	Max.flexible with ferrule - ferrule type	2.5 - WP25 / 14	4 - WP40 / 16	6 - WP60 / 20
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 1000	1000	1000
	Current with rated cross-section	(A) 24	32	41
	Max current with Max cross-section	(A) 37	45	64
	Section	Caliber A3	A4	A5
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600	600	600
	Current with rated cross-section/Factory wiring only	(A) 20 / 24	30 / 32	50
	Section Min-Max	(AWG) 20-12	20-10	20-8
	Tightening torque	(lb.in) 3.5	4.4	15
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) 500	500	500
	Current with rated cross-section	(A) 24	32	41
	Operating temperature	(°C) -40 ÷ +110	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3	8 KV / 3
Insulation stripping length	(mm)	9	10	10
Tightening torque nominal/max	(Nm)	0,4 / 0,8	0,5 / 1,2	0,8 / 1,4
Width	(mm)	5	6	8
Length	(mm)	44	44	44
Height mounted on TH35/7,5	(mm)	52	52	52
Height mounted on TH35/15	(mm)	60	60	60
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	CBC.2-10/PT/GR (cod. CB061GR)	CBC.2-10/PT/GR (cod. CB061GR)	CBC.2-10/PT/GR (cod. CB061GR)
	Blue	CBC.2-10/PT (Ex)i (cod. CBI061)	CBC.2-10/PT (Ex)i (cod. CBI061)	CBC.2-10/PT (Ex)i (cod. CBI061)
	Thickness	(mm) 1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/2/... (cod. PTC02...)	PTC/4/... (cod. PTC04...)	PTC/6/... (cod. PTC06...)
	PTP version (1)	PTP/2/... (cod. PTP02...)	PTP/4/... (cod. PTP04...)	PTP/6/... (cod. PTP06...)
	Rated current / Rated current ATEX applications	(A) 24 / 21	32 / 25	41 / 35
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Disconnectable parallel bridge		-	-	-
Multiple common bar	250 mm	-	-	-
Shunting screw and sleeve	Standard / Ex e version	-	-	-
Coloured partition	Red	DFU/4/R (cod. DU04R)	DFU/4/R (cod. DU04R)	DFU/4/R (cod. DU04R)
Cross connection barrier	Red	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)
Test plug socket		-	-	-
Test plug		-	-	-
Polarization insert		SDC/POL (cod. DCPOL)	SDC/POL (cod. DCPOL)	-
Modular test plug		SDC/5 (cod. DC005) - SDC/5P (cod. DC05P)	SDC/6 (cod. DC006) - SDC/6P (cod. DC06P)	-
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/61 (cod. NU0861S)	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Warning plate	on adjacent terminal blocks	PRP/7/G (cod. PRP070G)	PRP/7/G (cod. PRP070G)	PRP/7/G (cod. PRP070G)
Cover for cross-connection		-	-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



CESI 08 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0002U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	CBC10GR	CBC16GR	CBC35GR
		CBC.10/GR	CBC.16/GR	CBC.35/GR
BLUE VERSION	PART NUMBER TYPE	CBI10	CBI16	CBI35
		CBC.10 [EX]I	CBC.16 [EX]I	CBC.35 [EX]I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	10	16	35
Connecting capacity	Flexible	1,5 ÷ 16	1,5 ÷ 25	2,5 ÷ 50
	Rigid	1,5 ÷ 16	1,5 ÷ 25	2,5 ÷ 50
	Max.flexible with ferrule - ferrule type	10 - WP100 / 21	16 - WP160 / 22	35 - WP350 / 30
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 1000	1000	1000
	Current with rated cross-section	(A) 57	76	125
	Max current with Max cross-section	(A) 85	114	160
	Section	Caliber B6	B7	B9
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600	600	600
	Current with rated cross-section/Factory wiring only	(A) 65	100	125
	Section Min-Max	(AWG) 14-6	16-3	12-1
	Tightening torque	(lb.in) 17	25	75
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) 400	500	630
	Current with rated cross-section	(A) 57	76	125
	Operating temperature	(°C) -40 ÷ +110	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 KV / 3	12 KV / 3	12 KV / 3
Insulation stripping length	(mm)	12	18	18
Tightening torque nominal/max	(Nm)	1,2 / 1,9	2 / 3	2,5 / 5
Width	(mm)	10	12	16
Length	(mm)	44	47	56
Height mounted on TH35/7,5	(mm)	52	56	63
Height mounted on TH35/15	(mm)	60	64	71
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	CBC.2-10/PT/GR (cod. CB061GR)	CBC.16/PT/GR (cod. CB161GR)	CBC.35/PT/GR (cod. CB351GR)
	Blue	CBC.2-10/PT (Ex)I (cod. CBI061)	CBC.16/PT (Ex)I (cod. CBI161)	CBC.35/PT (Ex)I (cod. CBI351)
	Thickness	(mm) 1,5	1,5	1,5
Cross connection	PTC version (1)	PTC/10/... (cod. PTC10...)	POF/53 (cod. POF53) - PFX/53 (cod. PFX53)	POF/35 (cod. POF35) - PFX/35 (cod. PFX35)
	PTP version (1)	-	-	-
	Rated current / Rated current ATEX applications	(A) 57 / 47	76 / 76	125 / 125
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	-	-
Disconnectable parallel bridge		-	POS/53 (cod. POS53)	-
Multiple common bar	250 mm	-	PMP/05 (cod. PMP05) 21 poles	PMP/35 (cod. PMP35) 16 poles
Shunting screw and sleeve	Standard / Ex e version	-	CPM/53 (cod. CPM53) - CPX/53 (cod. CPX53)	CPM/35 (cod. CPM35) - CPX/35 (cod. CPX35)
Coloured partition	Red	DFU/4/R (cod. DU04R)	DFU/4/R (cod. DU04R)	DFU/5/R (cod. DU05R)
Cross connection barrier	Red	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)	DFM/700 (cod. DF700)	DFM/700 (cod. DF700)
Test plug socket		-	PSD/B (cod. PD002)	PSD/B (cod. PD002)
Test plug		-	SDD/2 (cod. DD002)	SDD/2 (cod. DD002)
Polarization insert		-	-	-
Modular test plug		-	-	-
Numbering strip		-	-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Warning plate	on adjacent terminal blocks	PRP/7/G (cod. PRP070G)	TUM/16 (cod. TUM16)	TUM/16 (cod. TUM16)
Cover for cross-connection		-	PRP/7 (cod. PRP07)	PRP/8 (cod. PRP08)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)



[1] See chapter accessories for more details

GREY VERSION	PART NUMBER	CR110GR
	TYPE	CBR.2/GR
BEIGE VERSION	PART NUMBER	CR110
	TYPE	CBR.2
BLUE VERSION	PART NUMBER	CI110
	TYPE	CBR.2 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		distributor feed-through (2 inputs / 2 outputs)
Rated cross-section	(mm²)	2.5
Connecting capacity	Flexible (mm²)	0.2÷4
	Rigid (mm²)	0.2÷4
	Max.flexible with ferrule - ferrule type (mm²)	2.5 - WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	800
	Current with rated cross-section (A)	24
	Section Caliber	A3
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600
	Current with rated cross-section (A)	15
	Section Min-Max (AWG)	20 - 14
	Tightening torque (lb.in)	5,5
Rated impulse withstand voltage/pollution degree		8kV / 3
Insulation stripping length	(mm)	8
Tightening torque nominal/max	(Nm)	0,4 / 0,5
Width	(mm)	5
Length	(mm)	43
Height mounted on TH35/7,5	(mm)	52
Height mounted on TH35/15	(mm)	60
Height mounted on G32	(mm)	56
Insulation material temperature index (EN 60216-1)	(°C)	130
Plastic material		Polyamide UL94 V0

APPROVALS



ACCESSORIES

End section	Grey	CBR/PT/GR (cod. CR111GR)
	Beige	CBR/PT (cod. CR111)
	Blue	-
	Thickness (mm)	1.5
Cross connection	[1]	PM/25/... (cod. PM25...)
	Rated current / Rated current ATEX applications (A)	24
Multiple common bar	250 mm	PMP/25 (cod. PMP25)
Shunting screw and sleeve		CPM/25 (cod. CPM25)
Coloured partition	Red	DFU/4/R (cod. DU04R)
Test plug socket		PSD/K (cod. PD011)
Test plug		SDD/1 (cod. DD001)
Marking tag		CNU/8/51 (cod. NU0851S)
Cover for cross-connection		PRP/5 (cod. PRP05)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)

- panel mount version - M6 screws
- possible to create parallel connections (GPA.70)



GREY VERSION	PART NUMBER TYPE	GA400GR	GPA.70/GR	GF400GR	GPA.70/FIX/GR
BEIGE VERSION	PART NUMBER TYPE	GA400	GPA.70	GF400	GPA.70/FIX
BLUE VERSION	PART NUMBER TYPE	GA410	GPA.70 [EX]I		

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm ²)	70	70
Connecting capacity	Flexible	10 ÷ 95	10 ÷ 95
	Rigid	10 ÷ 95	10 ÷ 95
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	192	192
	Section	B11	B11
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	215	215
	Section Min-Max	8 ÷ 4/0	8 ÷ 4/0
	Tightening torque	79,5	79,5
Rated impulse withstand voltage/pollution degree		12 kV / 3	12 kV / 3
Insulation stripping length	(mm)	25	25
Tightening torque nominal/max	(Nm)	6 / 9 (Allen screw, 4 mm wrench)	6 / 9 (Allen screw, 4 mm wrench)
Width	(mm)	20.5	20.5
Length	(mm)	91	102
Height mounted on TH35/7,5	(mm)	70	-
Height mounted on TH35/15	(mm)	78	-
Height mounted on G32	(mm)	75	-
Height mounted on panel	(mm)	-	65
Fixing distance between centers	(mm)	-	88
Insulation material temperature index [EN 60216-1]	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES			
Cross connection	2 poles preassembled	POF/70 (cod. POF70)	POF/70 (cod. POF70)
	Rated current	192	192
Cover for cross-connection		PRP/08 (cod. PRP08)	PRP/08 (cod. PRP08)
Multiple common bar	250 mm	PMP/08 (cod. PMP08)	PMP/08 (cod. PMP08)
Shunting screw and sleeve		CPM/70 (cod. CPM70) 12 poles	CPM/70 (cod. CPM70) 12 poles
Coloured partition	Red	DF/GPA/70/R (cod. DU070R)	DF/GPA/70/R (cod. DU070R)
Test plug socket		PSD/C (cod. PD003)	PSD/C (cod. PD003)
Test plug		SDD/2 (cod. DD002)	SDD/2 (cod. DD002)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)

- panel mount version - M6 screws
- possible to create parallel connections (GPA.70)



GREY VERSION	PART NUMBER TYPE	GA100GR	GF100GR
		GPA.95/GR	GPA.95/FIX/GR
BEIGE VERSION	PART NUMBER TYPE	GA100	GF100
		GPA.95	GPA.95/FIX
BLUE VERSION	PART NUMBER TYPE	GA110	
		GPA.95 [EX]I	

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm ²)	95	95
Connecting capacity	Flexible	10 ÷ 95	10 ÷ 95
	Rigid	10 ÷ 120	10 ÷ 120
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	232	232
	Section	B12	B12
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	232	232
	Section Min-Max	2 ÷ 250 MCM	2 ÷ 250 MCM
	Tightening torque	90	90
Rated impulse withstand voltage/pollution degree		12 kV / 3	12 kV / 3
Insulation stripping length	(mm)	30	30
Tightening torque nominal/max	(Nm)	6 / 9 (Allen screw, 4 mm wrench)	6 / 9 (Allen screw, 4 mm wrench)
Width	(mm)	26	26
Length	(mm)	98	111
Height mounted on TH35/7,5	(mm)	87	-
Height mounted on TH35/15	(mm)	95	-
Height mounted on G32	(mm)	91	-
Height mounted on panel	(mm)	-	82
Fixing distance between centers	(mm)	-	97
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES			
Cross connection	2 poles - 3 poles	PP09502 (2poles) - PP09503 (3 poles)	PP09502 (2poles) - PP09503 (3 poles)
	Rated current	200	200
Cover for cross-connection		-	-
Multiple common bar	250 mm	-	-
Shunting screw and sleeve		-	-
Coloured partition	Red	-	-
Test plug socket		-	-
Test plug		-	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)

- panel mount version - M6 screws
- possible to create parallel connections (GPA.70)



GREY VERSION	PART NUMBER TYPE	GA200GR	GF200GR
		GPA.150/GR	GPA.150/FIX/GR
BEIGE VERSION	PART NUMBER TYPE	GA200	GF200
		GPA.150	GPA.150/FIX
BLUE VERSION	PART NUMBER TYPE		

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm ²)	150	150
Connecting capacity	Flexible	50 ÷ 150	50 ÷ 150
	Rigid	50 ÷ 185	50 ÷ 185
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	309	309
	Section	B14	B14
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	309	309
	Section Min-Max	1/0 ÷ 350 MCM	1/0 ÷ 350 MCM
	Tightening torque	142	142
Rated impulse withstand voltage/pollution degree		12 kV / 3	12 kV / 3
Insulation stripping length	(mm)	35	35
Tightening torque nominal/max	(Nm)	10 / 15 (Allen screw, 5 mm wrench)	10 / 15 (Allen screw, 5 mm wrench)
Width	(mm)	31	31
Length	(mm)	108	122
Height mounted on TH35/7,5	(mm)	99	-
Height mounted on TH35/15	(mm)	103	-
Height mounted on G32	(mm)	106	-
Height mounted on panel	(mm)	-	94
Fixing distance between centers	(mm)	-	106
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES			
Cross connection	2 poles preassembled	-	-
	Rated current	[A]	-
Cover for cross-connection		-	-
Multiple common bar	250 mm	-	-
Shunting screw and sleeve		-	-
Coloured partition	Red	-	-
Test plug socket		-	-
Test plug		-	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)

- panel mount version - M6 screws
- possible to create parallel connections (GPA.70)



GREY VERSION	PART NUMBER TYPE	GA300GR	GF300GR
		GPA.240/GR	GPA.240/FIX/GR
BEIGE VERSION	PART NUMBER TYPE	GA300	GF300
		GPA.240	GPA.240/FIX
BLUE VERSION	PART NUMBER TYPE		

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm ²)	240	240
Connecting capacity	Flexible	95 ÷ 240	95 ÷ 240
	Rigid	50 ÷ 300	50 ÷ 300
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	415	415
	Section	B16	B16
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	415	415
	Section Min-Max	3/0 ÷ 600 MCM	3/0 ÷ 600 MCM
	Tightening torque	300	300
Rated impulse withstand voltage/pollution degree		12 kV / 3	12 kV / 3
Insulation stripping length	(mm)	40	40
Tightening torque nominal/max	(Nm)	14 / 21 (Allen screw, 6 mm wrench)	14 / 21 (Allen screw, 6 mm wrench)
Width	(mm)	37	37
Length	(mm)	119	134
Height mounted on TH35/7,5	(mm)	120	-
Height mounted on TH35/15	(mm)	124	-
Height mounted on G32	(mm)	128	-
Height mounted on panel	(mm)	-	115
Fixing distance between centers	(mm)	-	118
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

Cross connection	2 poles preassembled	-	-
	Rated current	[A]	-
Cover for cross-connection		-	-
Multiple common bar	250 mm	-	-
Shunting screw and sleeve		-	-
Coloured partition	Red	-	-
Test plug socket		-	-
Test plug		-	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)



- same profile and dimensions of the corresponding terminal blocks of the CBC and GPA Series
- No end plates required, already closed in yellow/green shells



YELLOW/GREEN VERSION

PART NUMBER
TYPE

T0120

TEC.6/0

T0510

TEC.10/0

T0220

TEC.16/0

TECHNICAL CHARACTERISTICS

Function/type		ground terminal block	ground terminal block	ground terminal block
Rated cross-section		(mm²) 6	10	16
Connecting capacity	Flexible	(mm²) 0.5÷10	1,5 ÷ 16	1,5 ÷ 25
	Rigid	(mm²) 0.5÷10	1,5 ÷ 16	1,5 ÷ 25
	Max. flexible with ferrule - ferrule type	(mm²) 6 - WP60/20	10 - WP100/21	16 - WP160/22
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V] -	-	-
	Current with rated cross-section	[A] -	-	-
	Section	Caliber A5	B6	B7
Electrical characteristics According to UL	Max AC/DC Voltage	[V] 600	-	-
	Current with rated cross-section	[A] -	-	-
	Section Min-Max	[AWG] 24-8	-	-
	Tightening torque	[lb.in] 15	-	-
Rated impulse withstand voltage/pollution degree		8kV / 3	8kV / 3	8kV / 3
Insulation stripping length		(mm) 10	12	15
Tightening torque nominal/max		(Nm) 0,8 / 1,4	1,2 / 1,9	2 / 1,2
Width		(mm) 8	10	12
Length		(mm) 44	44	47
Height mounted on TH35/7,5		(mm) 52	52	56
Height mounted on TH35/15		(mm) 60	60	64
Insulation material temperature index (EN 60216-1)		[°C] 130	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES

Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
End bracket		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm²	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232

Taken from CEI EN 60947-7-2 standard

- same profile and dimensions of the corresponding terminal blocks of the CBC and GPA Series
- No end plates required. The terminal block is already closed



YELLOW/GREEN VERSION

PART NUMBER
TYPE

T0320

TEC.35/0

T0810

TEC.70/0

TECHNICAL CHARACTERISTICS

Function/type			ground terminal block	ground terminal block
Rated cross-section		(mm ²)	35	70
Connecting capacity	Flexible	(mm ²)	2,5 ÷ 50	10 ÷ 95
	Rigid	(mm ²)	2,5 ÷ 50	10 ÷ 95
	Max. flexible with ferrule - ferrule type	(mm ²)	-	-
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section	Caliber	B9	B11
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section Min-Max	[AWG]	-	-
	Tightening torque	[lb.in]	-	-
Rated impulse withstand voltage/pollution degree			12kV / 3	8kV / 3
Insulation stripping length		(mm)	18	25
Tightening torque nominal/max		[Nm]	2,5 / 5	6 / 9
Width		(mm)	16	20.5
Length		(mm)	56	70
Height mounted on TH35/7,5		(mm)	63	81.5
Height mounted on TH35/15		(mm)	71	74
Insulation material temperature index (EN 60216-1)		[°C]	130	130
Plastic material			Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



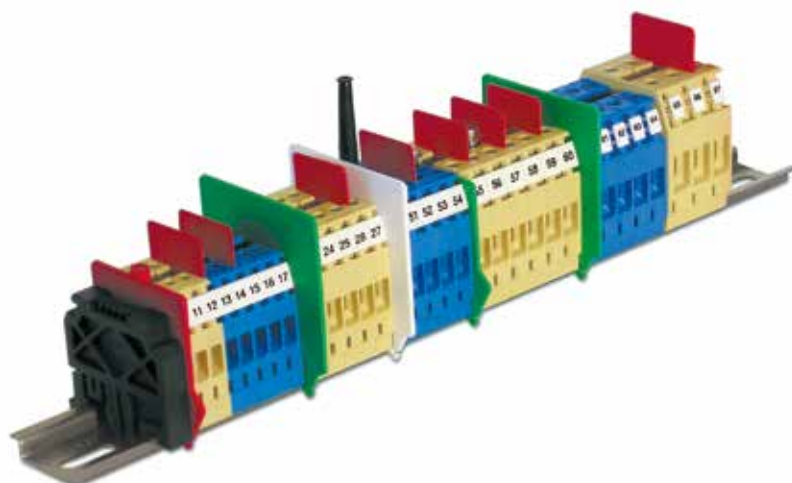
ACCESSORIES

Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm ²	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232

Taken from CEI EN 60947-7-2 standard



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- Behaviour in flame UL94V-0
- Universal mounting on PR/DIN and PR/3 rails in accordance with IEC 60715 standard
- Maximum continual operating temperature 130°C

The CBD Series comprises eight sizes, distinguished by:

- Very small space occupied
- Large connecting capacity
- Effective current capacity higher than established reference values
- Very low contact resistance of the connection
- Materials of excellent quality and, consequently, maximum reliability over time
- Great practicality of use

Cabur has always designated each product mainly with a Code, distinguished by a part in letters (generally 3) and a number, with an interposed dot.

This number defines the **rated cross-section** of the terminal in question; which as laid down in the reference Standard is "the figure, expressed in mm², corresponding to the section of the connectable conductor, declared by the Manufacturer, to which the thermal, mechanical and electrical parameters of the product are referred".

The field of use of the terminal block is however much wider and is defined by its connecting capacity, that is the range of sections of conductors, both rigid and flexible, minimum and maximum, that the terminal block is capable of connecting, in full observance of all the parameters laid down in the reference Standards. In the table provided below, in fact, the "classic" code of each terminal block has been supplemented with the addition, after the existing number, which still indicates the nominal size, of a second numeric value, separated from the first by a /, which represents the size, in mm², of the maximum flexible conductor effectively connectable to the terminal block. In the event of use of rigid conductors (with single wire or corded) it is necessary to check also what is stated in the technical specifications of each product, under the item "connecting capacity", because in many cases the size of the maximum rigid conductor connectable is even larger.

Type	Rated cross section (mm ²)	Flexible conductor (mm ²)		Rigid conductor (mm ²)		Gauge	Max. current (A)
		min.	max.	min.	max.		
CBD.2/4	2.5	0.5	4	0.5	4	A3	29
CBD.4/6	4	0.5	6	0.5	6	A4	40
CBD.6/10	6	0.5	10	0.5	10	A5	58
CBD.10/16	10	0.5	16	0.5	16	B6	77
CBD.16/25	16	0.5	25	0.5	25	B7	104
CBD.35/35	35	0.5	35	0.5	50	B8	147
CBD.50/50	50	1.5	50	1.0	70	B9	180
CBD.70/95	70	1.5	95	1.0	95	B11	250

APPROVALS

 **UL**
U.S.A. - Canada

 **Terna**
LV 27/1

 **KEMA - KEUR**

 **CESI**
ATEX Ex e
Italy

 **Enel**
DV 27/1

 **R.I.N.A.**
Italy

Type of connection:

It is with a screw, on both sides, indirect and self-locking. The clamping screws are accessible only with a special screwdriver and the particular shape of the head makes them impossible to lose. The screw clamping offers the best guarantees of a mechanical seal and of effective passage of the current and is suitable for the connection, with or without special preparation, of conductors of all sections. The tightening and loosening operations are extremely simple and are carried out with commonly-used tools, namely screwdrivers; it is however important, in any case, to use screwdrivers of the right characteristics and dimensions so as not to cause damage either to the screw itself or to the insulating base.

Conducting body:

of the sleeve type, **made entirely of copper-zinc alloy with nickel-plating treatment**; the characteristics of the material used and the manufacturing methods are such as to avoid the phenomenon of possible breakages, known as "seasoning cracks".

Tightening reliability:

opportunely orthogonal ribs, at the bottom of the sleeve and on the lower surface of the clamping platelets, ensure in the various situations perfect electrical contact with the conductors and efficient mechanical locking. The grip on the conductor is made particularly effective by the elastic function performed by the clamping platelet; this, in particular, under the pressure of the screw, tends to bend, thus exercising a reaction applied to the head of the screw itself, which opposes unscrewing, even in the presence of dynamic stresses (vibrations).

Ease of insertion:

Inserting the conductor in the terminal block is facilitated:

- by the inclined invitation surfaces made on the insulating base
- by the rounded shape of the clamping platelet
- by the adequate size of the introduction hole with respect to the diameter of the maximum insertable conductor. The conductor introduction depth is limited by a barrier fitted on the insulating base.

Other functions:

besides their main function of feed-through terminal blocks, the CBD terminal blocks are designed and made so as to be able to perform other functions. In fact, using a hole made in the upper part of the conducting body it is possible:

- to create a fixed or switchable transversal connection (cross connection) between two adjoining terminal blocks
- to create a multiple common bar connection between several adjoining terminal blocks
- to insert a socket for a test plug
- to insert a composable test plug for multiple signal testing.

Marking: all CBD terminal blocks offer the possibility of coding, on both sides, using the CNU/8, CNU/10 or CSC marking tags (this last system enables the composition of alphanumeric codes up to a maximum of four characters, six with the ADR/6 adapter).

Mounting: the polyamide terminal blocks of the CBD Series are made ready to be mounted indifferently on supporting rails of G32 or TH/35 type (IEC 60715 standard), with evident advantages and facilitations in procuring, managing and in general using the product.



TH/35-7.5 rail



TH/35-15 rail



"G 32"-type rail



CNU marking



CSC marking



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Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details

(2) If you need to connect shielded cable with CB009 accessory, the rated voltage is reduced to 200V

BEIGE VERSION	PART NUMBER	CBD.2	CBD.4	CBD.6
BLUE VERSION	PART NUMBER	CBD.2 (EX)I	CBD.4 (EX)I	CBD.6 (EX)I
GREY VERSION	PART NUMBER	CBD.2/GR	CBD.4/GR	CBD.6/GR

TECHNICAL CHARACTERISTICS

Function/type		Feed-through	Feed-through	Feed-through
Rated cross-section	(mm²)	2.5	4	6
Connecting capacity	Flexible (mm²)	0.5 - 4	0.5 - 6	0.5 - 10
	Rigid (mm²)	0.5 - 4	0.5 - 6	0.5 - 10
	Max. flexible with ferrule - ferrule type (mm²)	2.5 - WP25/14	4 - WP40/16	6 - WP60/20
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	690	1000	1000
	Current with rated cross-section (A)	24	32	41
	Section Caliber	A3	A4	A5
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600	600	600
	Current with rated cross-section (A)	20 / 25	30 / 32	50
	Section Min-Max (AWG)	20 - 12	20 - 10	20 - 8
	Tightening torque (lb.in)	5.5	8.9	13.3
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage with G32 rail / TH35 rail (V)	400 / 630	500 / 630	500 / 630
	Current with rated cross-section (A)	24	32	41
	Operating Temperature (°C)	-40 ÷ +110	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8kV/3	12kV/3	12kV/3
Insulation stripping length (mm)		13	14	14
Tightening torque nominal/max (Nm)		0.4 / 0.8	0.5 / 1.2	0.8 / 1.4
Width (mm)		5.5	6.5	8
Length (mm)		40.5	44	44
Height mounted on TH35/7,5 (mm)		47	52	52
Height mounted on TH35/15 (mm)		55	60	60
Height mounted on G32 (mm)		51	56	56
Insulation material temperature index (EN 60216-1) (°C)		130	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

End section	Grey	-	-	-
	Blue	CB2/PT (Ex)i [cod. CBX13]	CB4/6/PT (Ex)i [cod. CBX25]	CB4/6/PT (Ex)i [cod. CBX25]
	Beige	CB2/PT [cod. CB111]	CB4/6/PT [cod. CB241]	CB4/6/PT [cod. CB241]
	Thickness (mm)	1.5	1.5	1.5
Cross connection	(1)	PM/20/... [cod. PM2...]	PM/40/... [cod. PM4...]	PM/60/... [cod. PM6...]
	Rated current / Rated current ATEX applications (A)	24 / 24	32 / 32	41 / 41
Switchable cross connection		POS/11 [cod. POS11]	POS/42 [cod. POS42]	POS/93 [cod. POS93]
Multiple common bar	250 mm	PMP/01/45 [cod. PMP01] 45 poles	PMP/42/38 [cod. PMP42] 38 poles	PMP/13/31 [cod. PMP13] 31 poles
		CPM/21 [cod. CPM21] - CPX/21 [cod. CPX21]	CPM/12 [cod. CPM12] - CPX/12 [cod. CPX12]	CPM/83 [cod. CPM83] - CPX/83 [cod. CPX83]
Shunting screw and sleeve (same, Ex e version)		DFU/1/R [cod. DU01R]	DFU/4/R [cod. DU04R]	DFU/4/R [cod. DU04R]
Coloured partition	Red	DFM/600 [cod. DF600]	DFM/600 [cod. DF600]	DFM/600 [cod. DF600]
Cross connection barrier	Red	PSD/D [cod. PD004]	PSD/D [cod. PD004]	PSD/N [cod. PD013]
Test plug socket		SDD/1 [cod. DD001]	SDD/1 [cod. DD001]	SDD/1 [cod. DD001]
Test plug		SDD/5 [cod. DD005]	SDD/6 [cod. DD006]	-
Modular test plug		SD5/PT [cod. DD501]	SD6/PT [cod. DD601]	-
End section for modular test plug		TMM102105AW	TMM102105AW	TMM102105AW
Adhesive numbering strip		TQM/02 on 4 [cod. TQM02]	TTM/12 on 3 and on 4 [cod. TTM12]	TTM/15 on 3 [cod. TTM15] - TQM/15 on 4 [cod. TQM15]
Warning plate	on adjacent terminal blocks	PRP/6 [cod. PRP06]	PRP/6 [cod. PRP06]	PRP/7 [cod. PRP07]
Cover for cross-connection		CNU/8/51 [cod. NU0851S]	CNU/8/51 [cod. NU0851S]	CNU/8/51 [cod. NU0851S]
		CNU/10/61 [cod. NU1061S]	CNU/10/61 [cod. NU1061S]	CNU/10/61 [cod. NU1061S]
Marking tag	Snap-fit TH35 and G32	BTU [cod. BT005]	BTU [cod. BT005]	BTU [cod. BT005]
	Snap-fit TH35	BTO [cod. BT007]	BTO [cod. BT007]	BTO [cod. BT007]
	Screw TH35	BT/3 [cod. BT003]	BT/3 [cod. BT003]	BT/3 [cod. BT003]
	Screw G32	BT/DIN/PO [cod. BT001]	BT/DIN/PO [cod. BT001]	BT/DIN/PO [cod. BT001]
Screening lug	(2)	CBD/SH [cod. CB009]	CBD/SH [cod. CB009]	CBD/SH [cod. CB009]



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I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

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Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details

(2) If you need to connect shielded cable with CB009 accessory, the rated voltage is reduced to 250V

BEIGE VERSION	PART NUMBER	CBD.10	CBD.16	CBD.35
BLUE VERSION	PART NUMBER	CBD.10 [EX]I	CBD.16 [EX]I	CBD.35 [EX]I
GREY VERSION	PART NUMBER	CBD.10/GR	CBD.16/GR	CBD.35/GR

TECHNICAL CHARACTERISTICS

Function/type		Feed-through	Feed-through	Feed-through
Rated cross-section	(mm²)	10	16	35
Connecting capacity	Flexible	(mm²) 0.5 - 16	0.5 - 25	0.5 - 35
	Rigid	(mm²) 0.5 - 16	0.5 - 25	0.5 - 50
	Max. flexible with ferrule - ferrule type	(mm²) 10 - WP100/21	16 - WP160/22	35 - WP350/30
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 1000	1000	1000
	Current with rated cross-section	(A) 57	76	125
	Section	Caliber B6	B7	B8
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600	600	600
	Current with rated cross-section	(A) 60	100	125
	Section Min-Max	(AWG) 20 - 6	20 - 3	16 - 1
Electrical characteristics According to ATEX directive and IEC ex standard	Tightening torque	(lb.in) 13.3	19.9	22.1
	Max AC/DC voltage with G32 rail / TH35 rail	(V) 500 / 630	630 / 630	630 / 630
	Current with rated cross-section	(A) 57	76	125
Rated impulse withstand voltage/pollution degree	Operating Temperature	(°C) -40 ÷ +110	-40 ÷ +110	-40 ÷ +110
		12 KV / 3	12 KV / 3	12 KV / 3
Insulation stripping length	(mm)	14	18	20
Tightening torque nominal/max	(Nm)	1.2 / 1.9	1.8 / 3	2 / 3.5
Width	(mm)	10	12	16
Length	(mm)	44	47	52
Height mounted on TH35/7,5	(mm)	55	57	60
Height mounted on TH35/15	(mm)	63	65	68
Height mounted on G32	(mm)	59	61	64
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

End section	Grey	-	-	-
	Blue	CB10/PT [Ex]i (cod. CBX44)	CB16/PT [Ex]i (cod. CBX53)	CB35/PT [Ex]i (cod. CBX63)
	Beige	CB10/PT (cod. CB431)	CB16/PT (cod. CB511)	CB35/PT (cod. CB611)
	Thickness	(mm) 1.5	1.5	1.5
Cross connection	[1]	PM/10/... (cod. PM10...)	POF/44 (cod. POF44) - PFX/44 (cod. PFX44)	POF/06 (cod. POF06) - PFX/06 (cod. PFX06)
	Rated current / Rated current ATEX applications	(A) 57 / 57	76 / 76	125 / 125
Switchable cross connection		POS/44 (cod. POS44)	POS/44 (cod. POS44)	POS/66 (cod. POS66)
Multiple common bar	250 mm	PMP/04/25 (cod. PMP04) 25 poles	PMP/05/21 (cod. PMP05) 21 poles	PMP/06/16 (cod. PMP06) 16 poles
Shunting screw and sleeve (same, Ex e version)		CPM/03 (cod. CPM03) - CPX/03 (cod. CPX03)	CPM/44 (cod. CPM44) - CPX/44 (cod. CPX44)	CPM/06 (cod. CPM06) - CPX/06 (cod. CPX06)
Coloured partition	Red	DFU/4/R (cod. DU04R)	DFU/4/R (cod. DU04R)	DFU/5/R (cod. DU05R)
Cross connection barrier	Red	DFM/700 (cod. DF700)	DFM/700 (cod. DF700)	DFM/700 (cod. DF700)
Test plug socket		PSD/B (cod. PD002)	PSD/B (cod. PD002)	PSD/B (cod. PD002)
Test plug		SDD/2 (cod. DD002)	SDD/2 (cod. DD002)	SDD/2 (cod. DD002)
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Adhesive numbering strip		TMM102105AW	TMM102105AW	TMM102105AW
Warning plate	on adjacent terminal blocks	TTM/04 on 3 (cod. TTM04) - TQM/04 on 4 (cod. TQM04)	TUM/05 on 3 and on 4 (cod. TUM05)	TUM/06 on 3 and on 4 (cod. TUM06)
Cover for cross-connection		PRP/7 (cod. PRP07)	PRP/7 (cod. PRP07)	PRP/8 (cod. PRP08)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)
Screening lug	[2]	CBD/SH (cod. CB009)	-	-



CESI 01 ATEX 090 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0009U
Ex eb I Mb
Ex eb IIC Gb



BEIGE VERSION	PART NUMBER TYPE	CBD.50	CBD.70
BLUE VERSION	PART NUMBER TYPE	CBD.50 (EX)I	CBD.70 (EX)I
GREY VERSION	PART NUMBER TYPE	CBD.50/GR	CBD.70/GR

TECHNICAL CHARACTERISTICS

Function/type		Feed-through	Feed-through
Rated cross-section	(mm²)	50	70
Connecting capacity	Flexible (mm²)	1.5 – 50	1.5 – 95
	Rigid (mm²)	1 – 70	1 – 95
	Max. flexible with ferrule - ferrule type (mm²)	50 - WP500/40	-
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	1000	1000
	Current with rated cross-section (A)	150	192
	Section Caliber	B9	B11
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600	600
	Current with rated cross-section (A)	130	220
	Section Min-Max (AWG)	16 - 1	12 - 4/0
Electrical characteristics According to ATEX directive and IEC ex standard	Tightening torque (lb.in)	33.2	50
	Max AC/DC voltage with G32 rail / TH35 rail (V)	630 / 630	630 / 630
	Current with rated cross-section (A)	150	173
Rated impulse withstand voltage/pollution degree	Operating Temperature (°C)	-40 ÷ +110	-40 ÷ +110
		12 KV / 3	12 KV / 3
Insulation stripping length (mm)		22	26
Tightening torque nominal/max (Nm)		2,5 / 5	3 / 8
Width (mm)		18	20,5
Length (mm)		57	62
Height mounted on TH35/7,5 (mm)		62	71
Height mounted on TH35/15 (mm)		70	79
Height mounted on G32 (mm)		66	75
Insulation material temperature index (EN 60216-1) (°C)		130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

End section	Grey	CB50/PT/GR (cod. CB711GR)	CB70/PT/GR (cod. CB811GR)
	Blue	CB50/PT (Ex)i (cod. CBX73)	CB70/PT (Ex)i (cod. CBX83)
	Beige	CB50/PT (cod. CB711)	CB70/PT (cod. CB811)
	Thickness (mm)	1.5	1.5
Cross connection	[1]	POF/07 (cod. POF07) - PFX/07 (cod. PFX07)	POF/08 (cod. POF08) - PFX/08 (cod. PFX08)
	Rated current / Rated current ATEX applications (A)	150 / 150	192 / 155
Switchable cross connection		POS/77 (cod. POS77)	POS/08 (cod. POS08)
Multiple common bar	250 mm	PMP/07/14 (cod. PMP07) 14 poles	PMP/08/12 (cod. PMP08) 12 poles
Shunting screw and sleeve (same, Ex e version)		CPM/07 (cod. CPM07) - CPX/07 (cod. CPX07)	CPM/08 (cod. CPM08) - CPX/08 (cod. CPX08)
Coloured partition	Red	DFU/5/R (cod. DU05R)	DFU/6/R (cod. DU06R)
Cross connection barrier	Red	DFM/700 (cod. DF700)	DFM/700 (cod. DF700)
Test plug socket		PSD/C (cod. PD003)	PSD/C (cod. PD003)
Test plug		SDD/2 (cod. DD002)	SDD/2 (cod. DD002)
Modular test plug		-	-
End section for modular test plug		-	-
Adhesive numbering strip		TMM102105AW	TMM102105AW
Warning plate	on adjacent terminal blocks	TUM/07 on 3 and on 4 TUM07	TUM/08 on 3 and on 4 TUM08
Cover for cross-connection		PRP/8 (cod. PRP08)	PRP/8 (cod. PRP08)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
Screening lug	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)
	[2]	-	-



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- Mounting for both PR/DIN and PR/3 rails which meet IEC 60715 norms, "G32" and TH/35 types
- Nominal voltage 1000 V
- Panel mount version
- Possibility of parallel cross connection
- Available in the /BB (bar-bar), /BC (bar-cable), /CC (cable-cable) versions
- Available in grey and beige
- Maximum continual operating temperature 130°C

Tightening reliability: the reliability of the connection (wire terminal or bar) is guaranteed by a screw and locking nut, with the interposition of a flat washer and an elastic washer, useful above all for countering the effects of the dynamic stresses. In the versions made ready for clamping of the conductors, without preparation. The reliability of the connection is ensured by the action and the particular wrapping shape of the clamping clip, the elastic reaction of which to the force pressing down on the conductor works as a lock under the head of the clamping screw, stopping it from loosening, even in the presence of vibrations. The conductor bar is also made with an appropriate concave seat so as to increase the grip of the conductors; in addition both the contact surface of the clamping clip and the concave part of the bar feature, along the entire length, crosswise channels that help to improve the connection characteristics, as regards both the mechanical retention of the conductors and the electrical contact, guaranteeing low contact resistances.

- Protection for the "bar" versions: this protection which in the normal installation conditions has a longitudinal position with respect to the axis of the terminal block, can easily be rotated, using a simple screwdriver (as prescribed by the safety standards). In this way it is possible to access the connection unit to be able to work on the wire terminals or on the bars;

- Protection for the "cable" versions: in this case the protection is fixed and snaps in: its development is orthogonal to the axis of the terminal block and it protects the collar, the clip and the clamping screw. It is worth noting the "shutter" device, fitted on the protection in axis to the terminal block and in line with the conductor introduction hole, which enables, with manual action in maximum conditions of safety, partial or total closing of the hole itself and consequently protection of the live parts, in the case of use of conductors with a much smaller section than the nominal one or cabling of the terminal block from only one side.

Mounting: for these power terminal blocks, owing to the notable dimensions and because they are subject to high stresses due to the forces generated by the conductors, a new hooking system has been studied and created. This enables it to be mounted indifferently on the various types of standard mounting rail (IEC 60715). The terminal block is unhooked simply using a screwdriver, inserted in the special slot provided in the hooking system (yellow part). If the mounting rail itself is installed on a flat wall, the dimensions of the GPM terminal blocks make it indispensable to use flat brackets to space the terminal board from the surface adequately. For each terminal block of the Series the version for direct fixing to a panel (/FIX) is also available.

Marking: the GPM terminal blocks enable identification from both sides which can be done with both the CNU/8 (2 elements) and the CSC (up to 5 elements) type marking tags: the two possibilities are not alternatives, but can be combined.

Cross-connection: on this Series of terminal blocks it is also possible to create a cross connection between 2 or 3 adjacent terminal blocks using opportune cross connections; to insert this accessory it is necessary to remove the insulating baffle pre-engraved on the side wall of the insulating body.



- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-bolt connection



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(1) See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP100	GP110
		GPM.95/BB	GPM.95/BB/FIX
GREY VERSION	PART NUMBER TYPE	GP100GR	GP110GR
		GPM.95/BB/GR	GPM.95/BB/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	95	95
Connecting capacity	Flexible	-	-
	Rigid	-	-
Bars and/or cable lugs	Maximum width / bolt	22 / M8	22 / M8
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	232	232
	Max current with rated cross-section	320	320
	Section	Caliber	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	630	630
	Current with rated cross-section	232	232
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length	(mm)	-	-
Tightening torque nominal/max	Bar	6 / 9	6 / 9
	Cable	-	-
Width	(mm)	32	32
Length	(mm)	176	-
Height mounted on TH35/7,5	(mm)	81	-
Height mounted on TH35/15	(mm)	88	-
Height mounted on G32	(mm)	85	-
Height panel mount	(mm)	-	76
Length panel mount	(mm)	-	176
Fixing distance between centres	(mm)	-	158
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

Permanent cross connection	(1)	POF/95/... (cod. P095...)	POF/95/... (cod. P095...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)



- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-bolt connection



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(1) See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP400	GP410
		GPM.150/BB	GPM.150/BB/FIX
GREY VERSION	PART NUMBER TYPE	GP400GR	GP410GR
		GPM.150/BB/GR	GPM.150/BB/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	150	150
Connecting capacity	Flexible	-	-
	Rigid	-	-
Bars and/or cable lugs	Maximum width / bolt	32 / M10	32 / M10
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	309	309
	Max current with rated cross-section	440	440
	Section	Caliber	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	309	309
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length	(mm)	-	-
Tightening torque nominal/max	Bar	10 / 15	10 / 15
	Cable	-	-
Width	(mm)	42	42
Length	(mm)	200	-
Height mounted on TH35/7,5	(mm)	81	-
Height mounted on TH35/15	(mm)	88	-
Height mounted on G32	(mm)	85	-
Height panel mount	(mm)	-	76
Length panel mount	(mm)	-	200
Fixing distance between centres	(mm)	-	158
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES			
Permanent cross connection	(1)	PFX/150/... (cod. PX15...)	PFX/150/... (cod. PX15...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-bolt connection



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II 2 G Ex e IIC Gb

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(1) See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP700	GP710
		GPM.240/BB	GPM.240/BB/FIX
GREY VERSION	PART NUMBER TYPE	GP700GR	GP710GR
		GPM.240/BB/GR	GPM.240/BB/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	240	240
Connecting capacity	Flexible	-	-
	Rigid	-	-
Bars and/or cable lugs	Maximum width / bolt	40 / M12	40 / M12
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	415	415
	Max current with rated cross-section	600	600
	Section	Caliber	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	415	415
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length	(mm)	-	-
Tightening torque nominal/max	Bar	14 / 21	14 / 21
	Cable	-	-
Width	(mm)	52	52
Length	(mm)	250	-
Height mounted on TH35/7,5	(mm)	89	-
Height mounted on TH35/15	(mm)	96	-
Height mounted on G32	(mm)	93	-
Height panel mount	(mm)	-	84
Length panel mount	(mm)	-	250
Fixing distance between centres	(mm)	-	172
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES			
Permanent cross connection	{1}	PFX/240/... (cod. PX24...)	PFX/240/... (cod. PX24...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-screw connection



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(1) See chapter accessories for more details



BEIGE VERSION

PART NUMBER
TYPE

GP200

GPM.95/BC

GP210

GPM.95/BC/FIX

GREY VERSION

PART NUMBER
TYPE

GP200GR

GPM.95/BC/GR

GP210GR

GPM.95/BC/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	95	95
Connecting capacity	Flexible	35 ÷ 95	35 ÷ 95
	Rigid	25 ÷ 120	25 ÷ 120
Bars and/or cable lugs	Maximum width / bolt	22 / M8	22 / M8
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	232	232
	Max current with rated cross-section	-	-
	Section	B12	B12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	630	630
	Current with rated cross-section	232	232
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length	(mm)	35	35
Tightening torque nominal/max	Bar	6 / 9	6 / 9
	Cable	6 / 9	6 / 9
Width	(mm)	32	32
Length	(mm)	158	-
Height mounted on TH35/7,5	(mm)	113	-
Height mounted on TH35/15	(mm)	120	-
Height mounted on G32	(mm)	117	-
Height panel mount	(mm)	-	108
Length panel mount	(mm)	-	175
Fixing distance between centres	(mm)	-	158
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES

Permanent cross connection	(1)	POF/95/... (cod. P095...)	POF/95/... (cod. P095...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-screw connection

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	I M2 Ex e I Mb	Ex e I Mb
	II 2 G Ex e IIC Gb	Ex e IIC Gb

[1] See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP500 GPM.150/BC	GP510 GPM.150/BC/FIX
GREY VERSION	PART NUMBER TYPE	GP500GR GPM.150/BC/GR	GP510GR GPM.150/BC/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	150	150
Connecting capacity	Flexible	50 ÷ 150	50 ÷ 150
	Rigid	35 ÷ 185	35 ÷ 185
Bars and/or cable lugs	Maximum width / bolt	32 / M10	32 / M10
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	309	309
	Max current with rated cross-section	-	-
	Section	B14	B14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	309	309
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length		35	35
Tightening torque nominal/max	Bar	10 / 15	10 / 15
	Cable	10 / 15	10 / 15
Width	(mm)	42	42
Length	(mm)	170	-
Height mounted on TH35/7,5	(mm)	134	-
Height mounted on TH35/15	(mm)	141	-
Height mounted on G32	(mm)	138	-
Height panel mount	(mm)	-	129
Length panel mount	(mm)	-	187
Fixing distance between centres	(mm)	-	158
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

Permanent cross connection	[1]	PFX/150/... (cod. PX15...)	PFX/150/... (cod. PX15...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-screw connection

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	I M2 Ex e I Mb	Ex e I Mb
	II 2 G Ex e IIC Gb	Ex e IIC Gb

(1) See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP800	GP810
		GPM.240/BC	GPM.240/BC/FIX
GREY VERSION	PART NUMBER TYPE	GP800GR	GP810GR
		GPM.240/BC/GR	GPM.240/BC/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	240	240
Connecting capacity	Flexible	95 ÷ 240	95 ÷ 240
	Rigid	50 ÷ 300	50 ÷ 300
Bars and/or cable lugs	Maximum width / bolt	40 / M12	40 / M12
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	415	415
	Max current with rated cross-section	-	-
	Section	B16	B16
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	415	415
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length		43	43
Tightening torque nominal/max	Bar	14 / 21	14 / 21
	Cable	14 / 21	14 / 21
Width	(mm)	52	52
Length	(mm)	202	-
Height mounted on TH35/7,5	(mm)	150	-
Height mounted on TH35/15	(mm)	157	-
Height mounted on G32	(mm)	154	-
Height panel mount	(mm)	-	144
Length panel mount	(mm)	-	219
Fixing distance between centres	(mm)	-	172
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

Permanent cross connection	(1)	PFX/240/... (cod. PX24...)	PFX/240/... (cod. PX24...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)



- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- screw-screw connection

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	I M2 Ex e I Mb	Ex e I Mb
	II 2 G Ex e IIC Gb	Ex e IIC Gb

[1] See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP300	GP310
		GPM.95/CC	GPM.95/CC/FIX
GREY VERSION	PART NUMBER TYPE	GP300GR	GP310GR
		GPM.95/CC/GR	GPM.95/CC/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	95	95
Connecting capacity	Flexible	35 ÷ 95	35 ÷ 95
	Rigid	25 ÷ 120	25 ÷ 120
Bars and/or cable lugs	Maximum width / bolt	-	-
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	232	232
	Max current with rated cross-section	-	-
	Section	B12	B12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	630	630
	Current with rated cross-section	232	232
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length		35	35
Tightening torque nominal/max	Bar	-	-
	Cable	6 / 9	6 / 9
Width	(mm)	32	32
Length	(mm)	140	-
Height mounted on TH35/7,5	(mm)	113	-
Height mounted on TH35/15	(mm)	120	-
Height mounted on G32	(mm)	117	-
Height panel mount	(mm)	-	108
Length panel mount	(mm)	-	173
Fixing distance between centres	(mm)	-	158
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

Permanent cross connection	[1]	POF/95/... (cod. P095...)	POF/95/... (cod. P095...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)



- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- screw-screw connection

	CES1 13 ATEX 038 U	IECEx CES 13.0012U
	I M2 Ex e I Mb	Ex e I Mb
	II 2 G Ex e IIC Gb	Ex e IIC Gb

[1] See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP600	GP610
		GPM.150/CC	GPM.150/CC/FIX
GREY VERSION	PART NUMBER TYPE	GP600GR	GP610GR
		GPM.150/CC/GR	GPM.150/CC/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	150	150
Connecting capacity	Flexible	50 ÷ 150	50 ÷ 150
	Rigid	35 ÷ 185	35 ÷ 185
Bars and/or cable lugs	Maximum width / bolt	-	-
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	309	309
	Max current with rated cross-section	-	-
	Section	B14	B14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	309	309
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length		35	35
Tightening torque nominal/max	Bar	-	-
	Cable	10 / 15	10 / 15
Width		42	42
Length		140	-
Height mounted on TH35/7,5		134	-
Height mounted on TH35/15		141	-
Height mounted on G32		138	-
Height panel mount		-	129
Length panel mount		-	173
Fixing distance between centres		-	158
Insulation material temperature index (EN 60216-1)		130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

Permanent cross connection	[1]	PFX/150/... (cod. PX15...)	PFX/150/... (cod. PX15...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)



- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- screw-screw connection

	CES1 13 ATEX 038 U	IECEx CES 13.0012U
	I M2 Ex e I Mb	Ex e I Mb
	II 2 G Ex e IIC Gb	Ex e IIC Gb

(1) See chapter accessories for more details



BEIGE VERSION	PART NUMBER TYPE	GP900	GPM.240/CC	GP910	GPM.240/CC/FIX
GREY VERSION	PART NUMBER TYPE	GP900GR	GPM.240/CC/GR	GP910GR	GPM.240/CC/FIX/GR

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through
Rated cross-section	(mm²)	240	240
Connecting capacity	Flexible	95 ÷ 240	95 ÷ 240
	Rigid	50 ÷ 300	50 ÷ 300
Bars and/or cable lugs	Maximum width / bolt	-	-
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000
	Rated current with rated cross-section	415	415
	Max current with rated cross-section	-	-
	Section	Caliber B16	B16
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	1000	1000
	Current with rated cross-section	415	415
	Operating Temperature	-40 ÷ +80	-40 ÷ +80
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3
Insulation stripping length		43	43
Tightening torque nominal/max	Bar	-	-
	Cable	14 / 21	14 / 21
Width	(mm)	52	52
Length	(mm)	154	-
Height mounted on TH35/7,5	(mm)	150	-
Height mounted on TH35/15	(mm)	157	-
Height mounted on G32	(mm)	154	-
Height panel mount	(mm)	-	144
Length panel mount	(mm)	-	187
Fixing distance between centres	(mm)	-	172
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS

ACCESSORIES

Permanent cross connection	(1)	PFX/240/... (cod. PX24...)	PFX/240/... (cod. PX24...)
	Rated current	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)



- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-bolt connection



[1] See chapter accessories for more details

BEIGE VERSION WITH COVER	PART NUMBER TYPE	GP125	GP135	GP425
		GPM.95/C/BB	GPM.95/C/BB/FIX	GPM.150/C/BB
BEIGE VERSION WITHOUT COVER	PART NUMBER TYPE	GP120	GP130	GP420
		GPM.95/O/BB	GPM.95/O/BB/FIX	GPM.150/O/BB

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	95	95	150
Connecting capacity	Flexible	-	-	-
	Rigid	-	-	-
Bars and/or cable lugs	Maximum width / bolt	22 / M8	22 / M8	32 / M10
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	1000	1000	1000
	Rated current with rated cross-section	232	232	309
	Max current with rated cross-section	248	248	365
	Section	Caliber	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Operating Temperature	-	-	-
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3	12 KV / 3
Insulation stripping length		(mm)	-	-
Tightening torque nominal/max	Bar	6 / 9	6 / 9	10 / 15
	Cable	-	-	-
Width	(mm)	32	32	42
Length	(mm)	176	-	200
Height mounted on TH35/7,5	(mm)	81	-	81
Height mounted on TH35/15	(mm)	88	-	88
Height mounted on G32	(mm)	85	-	85
Height panel mount	(mm)	-	76	-
Length panel mount	(mm)	-	176	-
Fixing distance between centres	(mm)	-	158	-
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES

Permanent cross connection	[1]	POF/95/... (cod. P095...)	POF/95/... (cod. P095...)	PFX/150/... (cod. PX15...)
	Rated current	(A)	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- panel mount version - M6 screws (recommended with screwdriver and washer slot)
- possibility of parallel cross connection
- bolt-bolt connection



[1] See chapter accessories for more details

BEIGE VERSION WITH COVER	PART NUMBER TYPE	GP435	GP725	GP735
		GPM.150/C/BB/FIX	GPM.240/C/BB	GPM.240/C/BB/FIX
BEIGE VERSION WITHOUT COVER	PART NUMBER TYPE	GP430	GP720	GP730
		GPM.150/O/BB/FIX	GPM.240/O/BB	GPM.240/O/BB/FIX

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	150	240	240
Connecting capacity	Flexible	-	-	-
	Rigid	-	-	-
Bars and/or cable lugs	Maximum width / bolt	(mm)	40 / M12	40 / M12
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	1000	1000
	Rated current with rated cross-section	(A)	309	415
	Max current with rated cross-section	(A)	365	530
	Section	Caliber	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V)	-	-
	Current with rated cross-section	(A)	-	-
	Operating Temperature	(°C)	-	-
Rated impulse withstand voltage/pollution degree		12 KV / 3	12 KV / 3	12 KV / 3
Insulation stripping length		(mm)	-	-
Tightening torque nominal/max	Bar	(Nm)	10 / 15	14 / 21
	Cable	(Nm)	-	-
Width	(mm)	42	52	52
Length	(mm)	-	250	-
Height mounted on TH35/7,5	(mm)	-	89	-
Height mounted on TH35/15	(mm)	-	96	-
Height mounted on G32	(mm)	-	93	-
Height panel mount	(mm)	76	-	84
Length panel mount	(mm)	200	-	250
Fixing distance between centres	(mm)	158	-	172
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

APPROVALS



ACCESSORIES				
Permanent cross connection	[1]	PFX/150/... (cod. PX15...)	PFX/240/... (cod. PX24...)	PFX/240/... (cod. PX24...)
	Rated current	(A)	-	-
Mounting rail support	flat for PR/DIN e PR/3	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)	ACI121213 (cod. Z121213)
	sloped for PR/DIN e PR/3	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)	ACI121314 (cod. Z121314)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)

- busbar-busbar terminal blocks
- bolt-bolt connection

Due to the non-standardized thickness of the terminals, for the use of the conductors of the smaller connectable sections, it may be necessary to introduce a washer under the screw head.



BEIGE VERSION		PART NUMBER	AC100	AC400	AC700
		TYPE	ACB.70/BB	ACB.120/BB	ACB.185/BB
TECHNICAL CHARACTERISTICS					
Function/type			feed-through	feed-through	feed-through
Rated cross-section		(mm ²)	70	120	185
Connecting capacity	Flexible	(mm ²)	10 ÷ 120	25 ÷ 185	25 ÷ 185
	Rigid	(mm ²)	6 ÷ 120	25 ÷ 185	25 ÷ 185
Bars and/or cable lugs		(mm)	25 / M6	25 / M8	25 / M12
Electrical characteristics					
According to European standard IEC EN 60947-7-1					
Max AC/DC Voltage		(V)	800	800	800
Current with rated cross-section		(A)	192	269	353
Section		Caliber	-	-	-
Rated impulse withstand voltage/pollution degree			8 kV / 3	8 kV / 3	8 kV / 3
Tightening torque nominal/max		(Nm)	3 (key 10 mm)	6 (key 13 mm)	14 (key 19 mm)
Width		(mm)	35	35	35
Length		(mm)	90	100	120
Height mounted on TH35/7,5		(mm)	-	-	-
Height mounted on TH35/15		(mm)	-	-	-
Height mounted on G32		(mm)	45	46	47
Insulation material temperature index (EN 60216-1)		(°C)	130	130	130
Plastic material			Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0
APPROVALS					
ACCESSORIES					
Safety cover			PRT/P (cod. PRT01)	PRT/P (cod. PRT01)	PRT/P (cod. PRT01)
			PRT/G (cod. PRT03)	PRT/G (cod. PRT03)	PRT/G (cod. PRT03)
Cover support			SPS/1 (cod. SPS01)	SPS/1 (cod. SPS01)	SPS/3 (cod. SPS03)
Marking tag			CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
			CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket		Snap-fit TH35 e G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)

Protection: ACB terminal blocks can be protected against direct and/or accidental contacts by means of specific **PRT** covers of different sizes: Small, Medium or Large in transparent and self-extinguishing material. These covers, with a fixed length of 200 mm, correspond to the width of four terminal blocks side-by-side and inserted on **SPS** supports, also made of self-extinguishing material, which enable the protection of one of the two connections of the terminal blocks; the complete protection of the terminal board is obtained using two covers, overlappable.

The **PRT/G** is to be used when the conductors come from the backboard, or in order to protect a connection point not yet connected.

PRT/P+SPS/1	PRT/P+SPS/3
for ACB.70/BB, ACB.120/BB, BCA.70 and BCA 120 terminal blocks	for ACB.185/BB, BCA.70 and BCA 120 terminal blocks



- busbar-busbar terminal blocks
- bolt-bolt connection

Due to the non-standardized thickness of the terminals, for the use of the conductors of the smaller connectable sections, it may be necessary to introduce a washer under the screw head.



BEIGE VERSION		PART NUMBER	BC100	BC400
		TYPE	BCA.70/BB	BCA.120/BB
TECHNICAL CHARACTERISTICS				
Function/type			feed-through	feed-through
Rated cross-section		(mm ²)	70	120
Connecting capacity	Flexible	(mm ²)	10 ÷ 120	25 ÷ 185
	Rigid	(mm ²)	6 ÷ 120	25 ÷ 185
Bars and/or cable lugs		(mm)	25 / M6	25 / M8
Electrical characteristics				
According to European standard IEC EN 60947-7-1				
Max AC/DC Voltage		(V)	800	800
Current with rated cross-section		(A)	192	269
Section		Caliber	-	-
Rated impulse withstand voltage/pollution degree			3kV / 3	3kV / 3
Tightening torque nominal/max		(Nm)	3 (key 10 mm)	6 (key 13 mm)
Width		(mm)	38	39
Length		(mm)	90	100
Height mounted on G32		(mm)	41	42
Height mounted on TH35/7,5		(mm)	49	50
Height mounted on TH35/15		(mm)	-	-
Insulation material temperature index (EN 60216-1)		(°C)	130	130
Plastic material			Polyamide UL94 V0	Polyamide UL94 V0
APPROVALS				
ACCESSORIES				
Safety cover			PRT/P (cod. PRT01)	PRT/P (cod. PRT01)
			PRT/G (cod. PRT03)	PRT/G (cod. PRT03)
Cover support			SPS/1 (cod. SPS01)	SPS/1 (cod. SPS01)
Marking tag			CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
			CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket		Snap-fit TH35 e G32	BTU (cod. BT005)	BTU (cod. BT005)

- stud connection, for cable lugs



BEIGE VERSION

PART NUMBER
TYPE

MB100

MBL.50/6

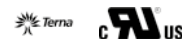
MB200

MBL.95/8

TECHNICAL CHARACTERISTICS

Function/type		for cable lugs	for cable lugs
Rated cross-section		(mm ²)	(mm ²)
Connecting capacity	Flexible	30 ÷ 50	30 ÷ 95
	Rigid	30 ÷ 70	30 ÷ 120
Stud diameter / key / locking bolt wrench		M6 / 10mm / 19mm	M8 / 13mm / 19mm
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	800
	Current with rated cross-section	(A)	150
	Section	Caliber	-
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600
	Current with rated cross-section	(A)	150
	Section Min - Max	(AWG)	-
Rated impulse withstand voltage/pollution degree		8kV / 3	8 kV / 3
Maximum connectable width		(mm)	30
Max lug overlapping connection height		(mm)	15.3
Tightening torque		(Nm)	3
Width		(mm)	35
Length		(mm)	40
Height mounted on G32		(mm)	79
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

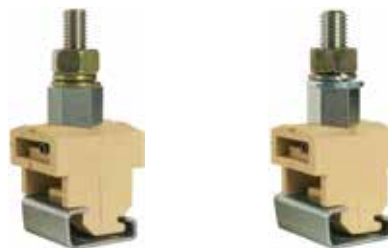
Partition	DUS/1 (cod. DUS01)	DUS/1 (cod. DUS01)
Cover support	SPS/5 (cod. SPS05)	SPS/5 (cod. SPS05)
Safety cover	PRT/P (cod. PRT01)	PRT/P (cod. PRT01)
Marking tag	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	BTU (cod. BT005)	BTU (cod. BT005)

Stud terminal blocks for the terminal wire or bar strain clamp with max. width 30 mm, to be mounted on PR/DIN mounting rail. It is advisable to use **DUS/1** or **DUS/3** barriers to guarantee the insulation distance between different phases.

If accident prevention cover of the terminal board becomes necessary, the insulation function would be performed by the **SPS/5** supports of the cover itself.



- stud connection, for cable lugs



BEIGE VERSION

PART NUMBER
TYPE

MB300

MBL.120/10

MB400

MBL.150/12

TECHNICAL CHARACTERISTICS

Function/type		for cable lugs	for cable lugs
Rated cross-section	(mm²)	120	150
Connecting capacity	Flexible	30 ÷ 120	30 ÷ 150
	Rigid	30 ÷ 150	30 ÷ 185
Stud diameter / key / locking bolt wrench		M10 / 17mm / 19mm	M12 / 19mm / 19mm
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	800	800
	Current with rated cross-section	269	309
	Section	Caliber	-
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	230	285
	Section Min - Max	(AWG)	-
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3
Maximum connectable width	(mm)	30	30
Max lug overlapping connection height	(mm)	13	15.8
Tightening torque	(Nm)	10	14
Width	(mm)	35	35
Length	(mm)	40	40
Height mounted on G32	(mm)	90	90
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

Partition		DUS/3 (cod. DUS03)	DUS/3 (cod. DUS03)
Cover support		SPS/5 (cod. SPS05)	SPS/5 (cod. SPS05)
Safety cover		PRT/P (cod. PRT01)	PRT/P (cod. PRT01)
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BTU (cod. BT005)	BTU (cod. BT005)



CES1 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

PART NUMBER

TYPE

T0910

TE0.2

CE110

CBE.2

T0430

TE0.4

TECHNICAL CHARACTERISTICS

Function/type		Ground terminal block	Ground terminal block	Ground terminal block
Rated cross-section	(mm ²)	2.5	2.5	4
Connecting capacity	Flexible	(mm ²) 0.2 - 4	(mm ²) 0.2 - 4	(mm ²) 0.2 - 6
	Rigid	(mm ²) 0.2 - 4	(mm ²) 0.2 - 4	(mm ²) 0.2 - 6
	Max. flexible with ferrule - ferrule type	(mm ²) 2.5 - WP25/14	(mm ²) 2.5 - WP25/14	(mm ²) 4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	(V) -	(V) -	(V) -
	Current with rated cross-section	(A) -	(A) -	(A) -
	Section	Caliber A3	Caliber A3	Caliber A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V) -	(V) -	(V) -
	Current with rated cross-section	(A) -	(A) -	(A) -
	Section Min - Max	(AWG) 20 - 14	(AWG) 20 - 14	(AWG) 20 - 12
	Tightening torque	(lb.in) 5.5	(lb.in) 5.5	(lb.in) 5.5
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) -	(V) -	(V) -
	Current with rated cross-section	(A) 24	(A) -	(A) 32
	Operating Temperature	(°C) -40 ÷ +110	(°C) -	(°C) -40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3	8 kV / 3
Insulation stripping length	(mm)	12	8	14
Tightening torque value Nominal / Max	(Nm)	0.4 / 0.8	0.4 / 0.5	0.5 / 1.2
Length	(mm)	50	50	50
Width	(mm)	5.5	5	6.5
Height mounted on TH35/7.5	(mm)	47	52	52
Height mounted on TH35/15	(mm)	55	60	60
Height mounted on G32	(mm)	-	56	-
Insulation material temperature index [EN 60216-1]	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Green	TE0.2/PT (cod. T0911)	CBR/PT (cod. CR111)	TE0.4/PT (cod. T0431)
Numbering strip		-	CNU/08/51 (cod. NU0851S)	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	-	BT/DIN/PO (cod. BT001)	-

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm ²	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232



CESI 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

PART NUMBER

TYPE

TE400

TED.4

T0110

TE.6/0

T0500

TE.10/0

TECHNICAL CHARACTERISTICS

Function/type		Ground terminal block	Ground terminal block	Ground terminal block
Rated cross-section	(mm ²)	4	6	10
Connecting capacity	Flexible	(mm ²) 0.2 - 6	0.5 - 10	0.5 - 16
	Rigid	(mm ²) 0.2 - 6	0.5 - 10	0.5 - 16
	Max. flexible with ferrule - ferrule type	(mm ²) 4 - WP40/16	6 - WP60/20	10 - WP100/21
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) -	-	-
	Section	Caliber A4	A5	B6
Electrical characteristics According to UL	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) -	-	-
	Section Min - Max	(AWG) 20 - 12	20 - 8	20 - 8
	Tightening torque	(lb.in) 5.5	13.3	13.3
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) -	41	57
	Operating Temperature	(°C) -40 ÷ +80	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3	8 kV / 3
Insulation stripping length	(mm)	10	12	13
Tightening torque value Nominal / Max	(Nm)	0.5 / 1.2	0.8 / 1.4	1.2 / 1.9
Length	(mm)	50	47	47
Width	(mm)	6.5	8	10
Height mounted on TH35/7.5	(mm)	-	52	55
Height mounted on TH35/15	(mm)	-	60	63
Height mounted on G32	(mm)	56	-	-
Insulation material temperature index [EN 60216-1]	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Green	TE0.4/PT (cod. T0431)	-	-
Numbering strip		-	-	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	BT/DIN/PO (cod. BT001)	-	-

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm ²	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232



CES1 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

PART NUMBER

TYPE

T0210

TE.16/0

T0310

TE.50/0

TE1110

TE.6/D

TECHNICAL CHARACTERISTICS

Function/type		Ground terminal block	Ground terminal block	Ground terminal block
Rated cross-section	[mm ²]	16	50	6
Connecting capacity	Flexible	[mm ²]	0.5 - 25	1.5 - 50
	Rigid	[mm ²]	0.5 - 25	1 - 70
	Max. flexible with ferrule - ferrule type	[mm ²]	16 - WP160/22	50 - WP500/40
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	76	150
	Section	Caliber	B7	B9
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	-	-
	Section Min - Max	[AWG]	20 - 3	16 - 1
	Tightening torque	[lb.in]	13.3	33.2
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	[V]	-	-
	Current with rated cross-section	[A]	76	150
	Operating Temperature	[°C]	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3	8 kV / 3
Insulation stripping length	[mm]	13	17	12
Tightening torque value Nominal / Max	[Nm]	1.8 / 3	2.5 / 5	0.8 / 1.4
Length	[mm]	47	57	42
Width	[mm]	12	18	8
Height mounted on TH35/7.5	[mm]	56	62	-
Height mounted on TH35/15	[mm]	64	70	-
Height mounted on G32	[mm]	-	-	53
Insulation material temperature index [EN 60216-1]	[°C]	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Green	-	-	-
Numbering strip		-	-	-
Marking tag		CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	-	-	BT/DIN/PO (cod. BT001)

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm ²	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
G32 type mounting rail IEC 60715/G32	Steel	35	4.2	-
	Copper	120	14.4	269
	Aluminium	70	8.4	192
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 15	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232



CES1 02 ATEX 061 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0010U
Ex eb I Mb
Ex eb IIC Gb



YELLOW/GREEN VERSION

PART NUMBER
TYPE

TE500

TE.10/D

TE210

TE.16/D

TE310

TE.50/D

TECHNICAL CHARACTERISTICS

Function/type		Ground terminal block	Ground terminal block	Ground terminal block
Rated cross-section	(mm²)	10	16	50
Connecting capacity	Flexible	(mm²) 0.5 - 16	0.5 - 25	1.5 - 50
	Rigid	(mm²) 0.5 - 16	0.5 - 25	1 - 70
	Max. flexible with ferrule - ferrule type	(mm²) 10 - WP100/21	16 - WP160/22	50 - WP500/40
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) -	76	150
	Section	Caliber B6	B7	B9
Electrical characteristics According to UL	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) -	-	-
	Section Min - Max	(AWG) 20 - 8	20 - 3	16 - 1
	Tightening torque	(lb.in) 13.3	13.3	33.2
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) -	-	-
	Current with rated cross-section	(A) 57	76	150
	Operating Temperature	(°C) -40 ÷ +110	-40 ÷ +110	-40 ÷ +110
Rated impulse withstand voltage/pollution degree		8 kV / 3	8 kV / 3	8 kV / 3
Insulation stripping length	(mm)	13	13	17
Tightening torque value Nominal / Max	(Nm)	1.2 / 1.9	1.8 / 3	2.5 / 5
Length	(mm)	44	46.5	57
Width	(mm)	10	12	18
Height mounted on TH35/7.5	(mm)	-	-	-
Height mounted on TH35/15	(mm)	-	-	-
Height mounted on G32	(mm)	56	57.5	63
Insulation material temperature index [EN 60216-1]	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Green	-	-	-
Numbering strip		-	-	-
Marking tag		CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)	CNU/08/51 (cod. NU0851S) CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 e G32	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

MAXIMUM SHORT-TIME WITHSTAND CURRENTS ALLOCATED TO THE RAIL PROFILE

Rail profile	Material	Equivalent E-Cu cross-section mm²	Short-time withstand current 1 s kA	Thermal rated current of a PEN busbar A
G32 type mounting rail IEC 60715/G32	Steel	35	4.2	-
	Copper	120	14.4	269
	Aluminium	70	8.4	192
Top hat rail IEC 60715/TH 35 - 7.5	Steel	16	1.92	-
	Copper	50	6	150
	Aluminium	35	4.2	125
Top hat rail IEC 60715/TH 35 - 5.5	Steel	50	6	-
	Copper	150	18	309
	Aluminium	95	11.4	232



CESI 14 ATEX 035 U
I M2 Ex e I Mb
II 2 G Ex e IIC Gb

IECEx CES 14.0021U
Ex e I Mb
Ex e IIC Gb

[1] See chapter accessories for more details



GREY VERSION	PART NUMBER	DB100GR	DB117GR
	TYPE	DBC.2/GR	DBC.2/CI/GR
BEIGE VERSION	PART NUMBER	DB100	DB117
	TYPE	DBC.2	DBC.2/CI
BLUE VERSION	PART NUMBER	DB200	
	TYPE	DBC.2 (EX)I	

TECHNICAL CHARACTERISTICS

Function/type		2 levels	2 levels with internal connection
Rated cross-section	(mm²)	2.5	2.5
Connecting capacity	Flexible	0.2 - 4	0.2 - 4
	Rigid	0.2 - 4	0.2 - 4
	Max. flexible with ferrule - ferrule type	2.5 - WP25/14	2.5 - WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630	630
	Current with rated cross-section	24	24
	Section	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	20	20
	Section Min-Max	28 - 12	28 - 12
	Tightening torque	8	8
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	400	-
	Current with rated cross-section	24	-
	Operating temperature	-40 ÷ +80	-
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	9	9
tightening torque value Nominal / Max	(Nm)	0.4 / 0.8	0.4 / 0.8
Length	(mm)	70	70
Width	(mm)	5	5
Height mounted on TH35/7,5	(mm)	66	66
Height mounted on TH35/15	(mm)	74	74
Height mounted on G32	(mm)	-	-
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES			
End section	Grey	DBC/PT/GR (cod. DB101GR)	DBC/PT/GR (cod. DB101GR)
	Beige	DBC/PT (cod. DB101)	DBC/PT (cod. DB101)
	Blue	DBC/PT (Ex)I (cod. DB201)	DBC/PT (Ex)I (cod. DB201)
	Thickness (mm)	1.5	1.5
Cross connection	PTC or other versions [1]	PTC/2/... (cod. PTC02...)	PTC/2/... (cod. PTC02...)
	PTP version [1]	PTP/2D/... (cod. PTP02D...)	PTP/2D/... (cod. PTP02D...)
	Rated current / Rated current ATEX applications (A)	24 / 21 upper level - 24 lower level	24 / 21 upper level - 24 lower level
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Switchable cross connection		-	-
Multiple common bar	250 mm	-	-
Shunting screw and sleeve	Standard / Ex e version	-	-
	Internal jumper	-	-
	Internal jumper + external jumper	-	-
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barred (upper level)	Red	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)
Cross connection barred (lower level)	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Cross connection barrier	Red	-	-
Test plug socket		-	-
Test plug		-	-
Modular test plug		-	-
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Single marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-
Warning plate	On adjacent terminal blocks	-	-
Cover for cross-connection		-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	-	-
	Screw G32	-	-



IMQ 17 ATEX 001 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx IMQ 17.0001U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	DB400GR DBC.4/GR	DB417GR DBC.4/CI/GR
BEIGE VERSION	PART NUMBER TYPE		
BLUE VERSION	PART NUMBER TYPE	DB500 DBC.4 (EX)I	DB517 DBC.4/CI (EX)I

TECHNICAL CHARACTERISTICS

Function/type		2 levels	2 levels with internal connection
Rated cross-section	(mm²)	4	4
Connecting capacity	Flexible	0.2 – 6	0.2 – 6
	Rigid	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630	630
	Current with rated cross-section	32	32
	Section	Caliber A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	30	30
	Section Min-Max	20 - 10	20 - 10
	Tightening torque	4.4	4.4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	400	-
	Current with rated cross-section	28	-
	Operating temperature	-40 ÷ +80	-
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	9	9
tightening torque value Nominal / Max	(Nm)	0,5 / 1	0,5 / 1
Length	(mm)	70	70
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	66	66
Height mounted on TH35/15	(mm)	74	74
Height mounted on G32	(mm)	-	-
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES			
End section	Grey	DBC.4/PT/GR (cod. DB401GR)	DBC.4/PT/GR (cod. DB401GR)
	Beige	-	-
	Blue	DBC.4/PT (Ex)I (cod. DB402)	DBC.4/PT (Ex)I (cod. DB402)
	Thickness (mm)	1.5	1.5
Cross connection	PTC or other versions (1)	PTC/4/... (cod. PTC04...)	PTC/4/... (cod. PTC04...)
	PTP version (1)	PTP/4D/... (cod. PTP04D...)	PTP/4D/... (cod. PTP04D...)
	Rated current / Rated current ATEX applications (A)	32 / 21 upper level - 24 lower level	32 / 21 upper level - 24 lower level
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Switchable cross connection		-	-
Multiple common bar	250 mm	-	-
Shunting screw and sleeve	Standard / Ex e version	-	-
	Internal jumper	-	-
	Internal jumper + external jumper	-	-
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barred (upper level)	Red	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)
Cross connection barred (lower level)	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Cross connection barrier	Red	-	-
Test plug socket		-	-
Test plug		-	-
Modular test plug		-	-
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Single marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-
Warning plate	On adjacent terminal blocks	-	-
Cover for cross-connection		-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BT0 (cod. BT007)	BT0 (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	-	-



CESI 03 ATEX 162 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 11.0007U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	DS100GR DAS.4/GR	DS117GR DAS.4/CI/GR
BEIGE VERSION	PART NUMBER TYPE	DS100 DAS.4	DS117 DAS.4/CI
BLUE VERSION	PART NUMBER TYPE	DS200 DAS.4 (EX)I	DS217 DAS.4/CI (EX)I

TECHNICAL CHARACTERISTICS

Function/type		2 levels feed-through	2 levels with internal jumper mounted
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0.2 – 6	0.2 – 6
	Rigid	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630	630
	Current with rated cross-section	30	30
	Section	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	20	20
	Section Min-Max	20 - 12	20 - 12
	Tightening torque	8.9	8.9
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	400	-
	Current with rated cross-section	28	-
	Operating temperature	-40 ÷ +110	-
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3
Insulation stripping length	(mm)	9	9
tightening torque value Nominal / Max	(Nm)	0.5 / 1.2	0.5 / 1.2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Blue	DAS/PT (Ex)i (cod. DS201)	DAS/PT (Ex)i (cod. DS201)
	Thickness (mm)	1.5	1.5
Cross connection	PTC or other versions (1)	PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
	PTP version (1)	-	-
	Rated current / Rated current ATEX applications (A)	30 / -	30 / -
Cross connection identification strip	Green	-	-
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar	250 mm	PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve	Standard / Ex e version	CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)	CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)
	Internal jumper	DAS/VCI (cod. DS107)	-
	Internal jumper + external jumper	DAS/VCE (cod. DS108)	DAS/VCE (cod. DS108)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barred (upper level)	Red	-	-
Cross connection barred (lower level)	Red	-	-
Cross connection barrier	Red	-	-
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		-	-
Numbering strip		CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
Single marking tag		CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
Warning plate	On adjacent terminal blocks	-	-
Cover for cross-connection		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BT0 (cod. BT007)	BT0 (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



[1] See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	DS110GR*	DS400GR
		DAS.4/SS/GR	DSS.4/GR
BEIGE VERSION	PART NUMBER TYPE	DS110*	DS400
		DAS.4/SS	DSS.4
BLUE VERSION	PART NUMBER TYPE		

* Till the end of stock

TECHNICAL CHARACTERISTICS

Function/type		2 levels with solder lugs	2 levels disconnect
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0.2 – 6	0.2 – 6
	Rigid	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	320-500	400
	Current with rated cross-section	20	24 upper level /32 lower level
	Section	Caliber A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	-	300
	Current with rated cross-section	-	24 upper level /32 lower level
	Section Min-Max	(AWG) -	26 - 10
	Tightening torque	(lb.in) -	4.4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V) -	-
	Current with rated cross-section	(A) -	-
	Operating temperature	(°C) -	-
Rated impulse withstand voltage/pollution degree		4 KV / 3	6 KV / 3
Insulation stripping length	(mm)	9	9
tightening torque value Nominal / Max	(Nm)	0.5 / 1.2	0.5 / 1.2
Length	(mm)	80	78
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES			
End section	Grey	DAS/PT/GR (cod. DS101GR)	DSS/PT/GR (cod. DS301GR)
	Beige	DAS/PT (cod. DS101)	DSS/PT (cod. DS301)
	Blue	-	-
	Thickness (mm)	1.5	1.5
Cross connection	PTC or other versions [1]	PM/.../... (cod. PM...)	PTC/4/... (cod. PTC04...)
	PTP version [1]	-	PTP/4/... (cod. PTP04...)
	Rated current / Rated current ATEX applications (A)	32 / -	32 / -
Cross connection identification strip	Green	-	PTC/SP (cod. PTC0990)
Switchable cross connection		POS/43 (cod. POS43)	-
Multiple common bar	250 mm	PMP/58 (cod. PMP58)	-
Shunting screw and sleeve	Standard / Ex e version	CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)	-
	Internal jumper	-	-
	Internal jumper + external jumper	-	-
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barred (upper level)	Red	-	DFM/500 (cod. DF500)
Cross connection barred (lower level)	Red	-	-
Cross connection barrier	Red	-	-
Test plug socket		PSD/A (cod. PD001)	-
Test plug		SDD/1 (cod. DD001)	-
Modular test plug		-	-
Numbering strip		CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
Single marking tag		CNU/8/61 (cod. NU0861S)	CNU/8/51 (cod. NU0851S)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-
Warning plate	On adjacent terminal blocks	-	-
Cover for cross-connection		PRP/5 (cod. PRP05)	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BT0 (cod. BT007)	BT0 (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

[1] See chapter accessories for more details



GREY VERSION	PART NUMBER	FV100GR	FF100GR
	TYPE	FVS.4/GR	FFS.4/GR
BEIGE VERSION	PART NUMBER	FV100	FF100
	TYPE	FVS.4	FFS.4
BLUE VERSION	PART NUMBER		
	TYPE		



TECHNICAL CHARACTERISTICS

Function/type		2 levels with special connections	2 levels with special connections
Rated cross-section	(mm²)	4	4
Connecting capacity	Flexible	0.2 – 6	0.2 – 6
	Rigid	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	320	320
	Current with rated cross-section	20	20
	Section	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	20	20
	Section Min-Max	20 - 10	20 - 10
	Tightening torque	8.9	8.9
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	-	-
	Current with rated cross-section	-	-
	Operating temperature	-	-
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3
Insulation stripping length	(mm)	12	12
tightening torque value Nominal / Max	(Nm)	0.5 / 1.2	0.5 / 1.2
Length	(mm)	64	64
Width	(mm)	6.5	6.5
Height mounted on TH35/7,5	(mm)	69	69
Height mounted on TH35/15	(mm)	77	77
Height mounted on G32	(mm)	73	73
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

FVS/VCI - Cat. No. FV107

Shunting screws and sleeves for internal connection between the front and rear conducting bodies of terminal block type FVS.4



FVS/VCE - Code FV108

Screw and sleeve which, besides the internal connection, creates, using the PMP common bar, parallel between contiguous terminal blocks

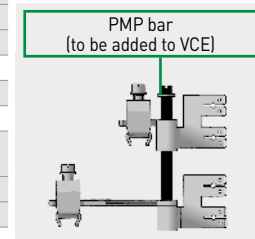
APPROVALS



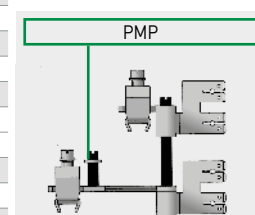
ACCESSORIES

End section	Grey	FVS/PT/GR (cod. FV101GR)	FFS/PT/GR (cod. FF101GR)
	Beige	FVS/PT (cod. FV101)	FFS/PT (cod. FF101)
	Blue	-	-
	Thickness (mm)	1.5	1.5
Cross connection	PTC or other versions [1]	PM/41/... [COD. PM41...]	PM/41/... [COD. PM41...]
	PTP version [1]	-	-
	Rated current / Rated current ATEX applications (A)	32 / -	32 / -
Cross connection identification strip	Green	-	-
Switchable cross connection		POS/72 (cod. POS72)	POS/72 (cod. POS72)
Multiple common bar	250 mm	PMP/42 (cod. PMP42)	PMP/42 (cod. PMP42)
		CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)	CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)
		-	-
Shunting screw and sleeve	Standard / Ex e version	FVS/VCI (cod. FV107)	-
	Internal jumper	FVS/VCE (cod. FV108)	-
	Internal jumper + external jumper	DFU/6/R (cod. DU06R)	-
Coloured partition	Red	-	-
Cross connection barred (upper level)	Red	-	-
Cross connection barred (lower level)	Red	-	-
Cross connection barrier	Red	-	-
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		-	-
Numbering strip		CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Single marking tag		-	-
Warning plate	On adjacent terminal blocks	-	-
Cover for cross-connection		PRP/6 (cod. PRP06)	PRP/6 (cod. PRP06)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

VCI
internal cross connection



VCE
internal +
front adjoining cross-connection



VCI + PM
internal parallel +
rear adjoining cross connection

- with LOCK system



(1) See chapter accessories for more details

(2) A special version with green LED is available. TLS.2/T (cod. TL120) with green LED between upper and intermediate levels. TLS.2/U (cod. TL110) with green LED between upper and lower levels.

GREY VERSION	PART NUMBER	TL100GR
	TYPE	TLS.2/GR
BEIGE VERSION	PART NUMBER	TL100
	TYPE	TLS.2
BLUE VERSION	PART NUMBER	
	TYPE	

TECHNICAL CHARACTERISTICS

Function/type			three level - for sensors
Rated cross-section		(mm ²)	2.5
Connecting capacity	Flexible	(mm ²)	0.2 – 4
	Rigid	(mm ²)	0.2 – 4
	Max. flexible with ferrule - ferrule type	(mm ²)	2.5 - WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	250
	Current with rated cross-section	(A)	24
	Section	Caliber	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600
	Current with rated cross-section	(A)	15
	Section Min-Max	(AWG)	20-12
	Tightening torque	(lb.in)	3.5
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V)	-
	Current with rated cross-section	(A)	-
	Operating temperature	(°C)	-
Rated impulse withstand voltage/pollution degree			4 KV / 3
Insulation stripping length		(mm)	8
tightening torque value Nominal / Max		(Nm)	0.4 / 0.8
Length		(mm)	62.5
Width		(mm)	6.2
Height mounted on TH35/7,5		(mm)	52
Height mounted on TH35/15		(mm)	60
Height mounted on G32		(mm)	-
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material			Polyamide UL94V-0

APPROVALS



ACCESSORIES		
End section	Grey	TLS/PT/GR (cod. TL101GR)
	Beige	TLS/PT (cod. TL101)
	Blue	-
	Thickness (mm)	1.5
Cross connection	PTC or other versions (1)	PM/.../... (cod. PM...)
	PTP version (1)	-
	Rated current / Rated current ATEX applications (A)	24 / -
Cross connection identification strip	Green	-
Switchable cross connection		POS/41 (cod. POS41)
Multiple common bar	250 mm	PMP/02 (cod. PMP02)
Shunting screw and sleeve	Standard / Ex e version	CPM/21 (cod. CPM21) / -
	Internal jumper	-
	Internal jumper + external jumper	-
Coloured partition	Red	DFU/3/R (cod. DU03R)
Cross connection barred (upper level)	Red	-
Cross connection barred (lower level)	Red	-
Cross connection barrier	Red	DFM/400 (cod. DF400)
Test plug socket		PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)
Modular test plug		-
Numbering strip		CNU/8/51 (cod. NU0851)
Single marking tag		CNU/8/51 (cod. NU0851)
		CNU/8/51 (cod. NU0851)
		-
Warning plate	On adjacent terminal blocks	-
Cover for cross-connection		SEE TABLE ON THE SIDE
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)
	Screw G32	-

For the installation on limited longitudinal space where high density wiring is needed together with reliable insulation, special feed-through two/three level terminal blocks are available. The three level terminal blocks are suitable for circuits which are to be used and connected with specific equipment, as for example proximity sensors. In fact, through the combined use of TLS.2 and TLD.2 terminal blocks it is possible to connect in an optimal and economic manner both power supply conductors on input to the sensor, and those on output carrying the signal of the same. Particularly in the **TLS.2 terminal block**, the intermediate and lower levels can be used to feed the sensors in d.c.; the feeding is distributed on the adjoining elements of the terminal board by means of a special **LOCK** connection system.

The above mentioned conducting bodies have a fork, pointed towards the exterior of the terminal block, which connects to the homologous element of the adjoining terminal block. The resulting contact is clamped with a screw, supplied already inserted in the conductor element.

The LOCK system, above described, allows the connection of positive and negative poles, without the use of any other parallel cross connection. At the upper, feed-through level, the conductor for the return signal of the sensor is connected; inserting PRP/5 coloured protections in the special channels guarantees against all possible contact of the live parts and enables immediate identification of the polarity (Red for +, Blue for -).

TLD.2 terminal block is perfectly compatible with the **TLS.2** for the connection of proximity sensors, as it has the same electrical and mechanical characteristics. Two of six tightening units can be connected to the sensor feeding cables and distribute the power supply to the other sensors.

The cross-connection between the intermediate and lower levels of these terminal blocks to the contiguous ones of the TLS.2 can be performed by means of the two screws provided in the fork type conducting bodies of the TLS.2 – the first of the Series – free from whatever connection; between the TLD.2 and TLS.2 terminal blocks a TLD/PI intermediate end section must be interposed, to ensure electric insulation of the TLD.2 terminal block conducting parts, which otherwise would be uncovered.

TLD.2 terminal block can also be used for other connecting applications, in other types of circuits.

Cover for cross-connection

WHITE	PRP/5 (cod.PRPO5),
RED	PRP/5/R (cod.PRPO5R)
BLUE	PRP/5/B (cod.PRPO5B)



(1) See chapter accessories for more details. Parts not included

GREY VERSION	PART NUMBER TYPE	TL200GR	TL400GR	TL500GR
		TLD.2/GR	TLE.2/GR	TDE.2/GR
BEIGE VERSION	PART NUMBER TYPE	TL200	TL400	TL500
		TLD.2	TLE.2	TDE.2
BLUE VERSION	PART NUMBER TYPE	TL300		
		TLD.2 (EXI)		

TECHNICAL CHARACTERISTICS

Function/type		3 levels	2 levels + ground	2 levels feed through + ground
Rated cross-section	(mm ²)	2.5	2.5	2.5
Connecting capacity	Flexible	0.2 - 4	0.2 - 4	0.2 - 4
	Rigid	0.2 - 4	0.2 - 4	0.2 - 4
	Max. flexible with ferrule - ferrule type	2.5 - WP25/14	2.5 - WP25/14	2.5 - WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	250	250	250
	Current with rated cross-section	24	24	24
	Section	A3	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage	600	600	600
	Current with rated cross-section	15	20	20
	Section Min-Max	20-12	20-12	20-12
	Tightening torque	3.5	3.5	3.5
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	-	-	-
	Current with rated cross-section	-	-	-
	Operating temperature	-	-	-
Rated impulse withstand voltage/pollution degree		4 KV / 3	4 KV / 3	4 KV / 3
Insulation stripping length	(mm)	8	8	8
tightening torque value Nominal / Max	(Nm)	0.4 / 0.8	0.4 / 0.8	0.4 / 0.8
Length	(mm)	85	62.5	85
Width	(mm)	6.2	6.2	6.2
Height mounted on TH35/7,5	(mm)	52	52	52
Height mounted on TH35/15	(mm)	60	60	60
Height mounted on G32	(mm)	-	-	-
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey	TLD/PT/GR (cod. TL201GR)	TLS/PT/GR (cod. TL101GR)	TLD/PT/GR (cod. TL201GR)
	Beige	TLD/PT (cod. TL201)	TLS/PT (cod. TL101)	TLD/PT (cod. TL201)
	Blue	-	-	-
	Thickness (mm)	1.5	1.5	1.5
Cross connection	PTC or other versions (1)	PM/.../... (cod. PM...)	PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
	PTP version (1)	-	-	-
	Rated current / Rated current ATEX applications (A)	24 / -	24 / -	24 / -
Cross connection identification strip	Green	-	-	-
Switchable cross connection		POS/41 (cod. POS41)	POS/41 (cod. POS41)	POS/41 (cod. POS41)
Multiple common bar	250 mm	PMP/02 (cod. PMP02)	PMP/02 (cod. PMP02)	PMP/02 (cod. PMP02)
Shunting screw and sleeve	Standard / Ex e version	CPM/21 (cod. CPM21) / -	CPM/21 (cod. CPM21) / -	CPM/21 (cod. CPM21) / -
	Internal jumper	-	-	-
	Internal jumper + external jumper	-	-	-
Coloured partition	Red	DFU/3/R (cod. DU03R)	DFU/3/R (cod. DU03R)	DFU/3/R (cod. DU03R)
Cross connection barred (upper level)	Red	-	-	-
Cross connection barred (lower level)	Red	-	-	-
Cross connection barrier	Red	DFM/400 (cod. DF400)	DFM/400 (cod. DF400)	DFM/400 (cod. DF400)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		-	-	-
Numbering strip		CNU/8/51 (cod. NU0851)	CNU/8/51 (cod. NU0851)	CNU/8/51 (cod. NU0851)
Single marking tag		CNU/8/51 (cod. NU0851)	CNU/8/51 (cod. NU0851)	CNU/8/51 (cod. NU0851)
		CNU/8/51 (cod. NU0851)	CNU/8/51 (cod. NU0851)	CNU/8/51 (cod. NU0851)
Warning plate	On adjacent terminal blocks	-	-	-
Cover for cross-connection		SEE TABLE P.103	SEE TABLE P.103	SEE TABLE P.103
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	-	-	-

- for Ø 5 x 20 mm fuses, with possibility of warning of any broken fuse through LED microcircuit (CIL/...)

[1] See chapter accessories for more details



GREY VERSION		PART NUMBER	SF900GR	CBF04GR
		TYPE	SFR.4/GR	CBF.4/GR
BEIGE VERSION		PART NUMBER	SF900	CBF04
		TYPE	SFR.4	CBF.04
BLUE VERSION		PART NUMBER	SF850	CBF04I
		TYPE	SFR.4 (EXI)	CBF.4 (EXI)

TECHNICAL CHARACTERISTICS				
Function/type			Fuse-holders ø 5x20	Fuse-holders ø 5x20
Rated cross-section			4	4
Connecting capacity	Flexible	(mm²)	0.2 – 6	0.2 – 6
	Rigid	(mm²)	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type	(mm²)	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	800	630
	Current with rated cross-section	(A)	6.3 A max [20 A with C0/5]	6.3
	Section	Caliber	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600	600
	Current with rated cross-section	(A)	6.3	6.3
	Section Min-Max	(AWG)	20-12	20-12
	Tightening torque	(lb.in)	4.4	4.4
Rated impulse withstand voltage/pollution degree			6 kV / 3	6 kV / 3
Insulation stripping length			11	10
tightening torque value Nominal / Max			0.5 / 1.2	0.5 / 1
Length			52	57
Width			8	6
Height mounted on TH35/7,5			52	76
Height mounted on TH35/15			60	83
Height mounted on G32			56	-
Insulation material temperature index (EN 60216-1)			130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS				
				

ACCESSORIES				
End section	Grey		SFR.4/PT/GR (cod. SF701GR)	CBSF.2-4/PT/GR (cod. CB401GR)
	Beige		SFR.4/PT (cod. SF701)	CBSF.2-4/PT (cod. CB401)
	Blue		SFR.4/PT (ExI) (cod. SF801)	CBSF.2-4/PT (ExI) (cod. CB402)
	Thickness	(mm)	1.5	1.5
Cross connection	PTC or other versions [1]		-	PTC/4/... (cod. PTC04...)
	PTP version [1]		-	PTP/4/... (cod. PTP04...)
	Rated current / Rated current ATEX applications	(A)	-	32
Cross connection identification strip	Green		-	PTC/SP (cod. PTC0990)
Coloured partition	Red		DFU/3/R (cod. DU03R)	-
Cross connection barrier			-	-
Miniature fuse	Ø 5 x 20 mm		F5 (cod. FN...)	F5 (cod. FN...)
LED circuit non-polarized	For voltage 12V 24V 48V AC/DC		CIL/12-24-48 (cod. SF518)	CIL/12-24-48 (cod. SF518)
	For voltage 115V 230V AC/DC		CIL/115-230 (cod. SF510)	CIL/115-230 (cod. SF510)
	For voltage 12V 24V AC/DC		-	-
	For voltage 70V 380V AC/DC		-	-
Terminal block with LED 12 ÷ 48 V non polarised micro-circuit			-	-
Terminal block with LED 115 ÷ 230 V non polarised micro-circuit			-	-
1 A diode cartridge / insert			-	-
3 A diode cartridge / insert			-	-
Terminal block with 1 A diode			-	-
Terminal block with 3 A diode			-	-
Single marking tag			CNU/08/51 (cod. CNU0851S)	CNU/08/51 (cod. CNU0851S)
			CNU/10/61 (cod. CNU1061S)	CNU/10/61 (cod. CNU1061S)
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32		BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- for Ø 5 x 20 mm fuses, with possibility of warning of any broken fuse through lamp
- for Ø 6.3 x 32 mm fuses

(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE
BEIGE VERSION	PART NUMBER TYPE
BLUE VERSION	PART NUMBER TYPE

SR500GR	SFR.6/M/GR
SR500	SFR.6/M
SR600	SFR.6/M [EX]i

SR300GR	SFR.6/GR
SR300	SFR.6
SR400	SFR.6 [EX]i

TECHNICAL CHARACTERISTICS

Function/type		Fuse-holders ø 5x20	Fuse-holders ø 6x32
Rated cross-section		6	6
	Flexible	0.2 – 10	0.2 – 10
	Rigid	0.2 – 10	0.2 – 10
Connecting capacity			
	Max. flexible with ferrule - ferrule type	6 - WP60/20	6 - WP60/20
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630	630
	Current with rated cross-section	10 A max. (19 A with C0/5)	10 A (33 A with cylinder)
	Section	Caliber A5	A5
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	6.3	10
	Section Min-Max	20-8	20-8
	Tightening torque	13	13
Rated impulse withstand voltage/pollution degree		6 kV / 3	6 kV / 3
Insulation stripping length		11	11
tightening torque value Nominal / Max		0.8 / 1.4	0.8 / 1.4
Length		79	79
Width		10	10
Height mounted on TH35/7,5		59	59
Height mounted on TH35/15		67	67
Height mounted on G32		63	63
Insulation material temperature index (EN 60216-1)		130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

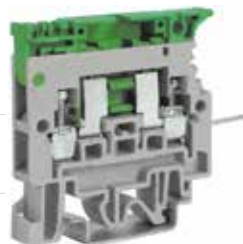
Type	SFR.6/M	SFR.6
Voltage (V)	250	250
Current (A)	6.3/10 max.	2.5/10 max.
PROTECTION AGAINST OVERLOAD AND SHORT CIRCUIT		
Single configuration (pv)	2.5W (6.3A)	4W (10A)
Composite configuration (pv)	2.5W (6.3A)	2.5W (2.5A)
PROTECTION AGAINST SHORT CIRCUIT		
Single configuration (pvk)	4W (10A)	4W (10A)
Composite configuration (pvk)	4W (8A)	4W (10A)

APPROVALS

ACCESSORIES

End section	Grey	SFR.6/PT/GR (cod. SR301GR)	SFR.6/PT/GR (cod. SR301GR)
	Beige	SFR.6/PT (cod. SR301)	SFR.6/PT (cod. SR301)
	Blue	SFR.6/PT [Ex]i (cod. SR401)	SFR.6/PT [Ex]i (cod. SR401)
	Thickness (mm)	1.5	1.5
Cross connection	PTC or other versions (1)	PTC/20/... (cod. PTC20...)	PTC/20/... (cod. PTC20...)
	PTP version (1)	-	-
	Rated current / Rated current ATEX applications (A)	25	25
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barrier		DFM/300 (cod. DF300)	DFM/300 (cod. DF300)
Miniature fuse	Ø 5 x 20 mm	F5 (cod. FN...)	-
LED circuit nonpolarized	For voltage 12V 24V 48V AC/DC	-	-
	For voltage 115V 230V AC/DC	-	-
Lamp	For voltage 12V 24V AC/DC	KITLSN/12-24 (cod. KIT1224)	KITLSN/12-24 (cod. KIT1224)
	For voltage 70V 380V AC/DC	KITLSN/70-380 (cod. KIT70380)	KITLSN/70-380 (cod. KIT70380)
Terminal block with LED 12 ÷ 48 V non polarized micro-circuit		-	-
Terminal block with LED 115 ÷ 230 V non polarized micro-circuit		-	-
1 A diode cartridge / insert		-	-
3 A diode cartridge / insert		-	-
Terminal block with 1 A diode		-	-
Terminal block with 3 A diode		-	-
Single marking tag		CNU/08/51 (cod. CNU0851S)	CNU/08/51 (cod. CNU0851S)
		CNU/10/61 (cod. CNU1061S)	CNU/10/61 (cod. CNU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- for Ø 5 x 20 mm fuses, with possibility of warning of any broken fuse through LED microcircuit (CIL/...)
- for Ø 6.3 x 32 mm fuses



[1] See chapter accessories for more details

GREY VERSION		PART NUMBER	SF910GR*	Type	SFR.4/VS
		TYPE			
BEIGE VERSION		PART NUMBER	SF910*	Type	SFR.4/VS
		TYPE			
BLUE VERSION		PART NUMBER			
		TYPE			

TECHNICAL CHARACTERISTICS		
Function/type		Fuse-holders Ø 5x20 with solder lug
Rated cross-section		(mm²)
	Flexible	4
	Rigid	0.2 – 6
Connecting capacity		(mm²)
	Max. flexible with ferrule - ferrule type	0.2 – 6
		4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	400
	Current with rated cross-section	6.3 A max (15 A with C0/5)
	Section	Caliber A4
Electrical characteristics According to UL	Max AC/DC Voltage	-
	Current with rated cross-section	-
	Section Min-Max	-
	Tightening torque	(lb.in)
Rated impulse withstand voltage/pollution degree		4 kV / 3
Insulation stripping length		11
tightening torque value Nominal / Max		0.5 / 1.2
Length		65
Width		8
Height mounted on TH35/7,5		52
Height mounted on TH35/15		60
Height mounted on G32		56
Insulation material temperature index (EN 60216-1)		130
Plastic material		Polyamide UL94V-0

Type	SFR.4/VS
Voltage (V)	250
Current (A)	6.3
PROTECTION AGAINST OVERLOAD AND SHORT CIRCUIT	
Single configuration (pv)	2.5W (6.3A)
Composite configuration (pv)	1.6W (6.3A)
PROTECTION AGAINST SHORT CIRCUIT	
Single configuration (pvk)	2.5W (6.3A)
Composite configuration (pvk)	2.5W (6.3A)

* Till the end of stock

APPROVALS



ACCESSORIES

End section	Grey	SFR.4/PT/GR (cod. SF701GR)
	Beige	SFR.4/PT (cod. SF701)
	Blue	-
	Thickness (mm)	1.5
Cross connection	PTC or other versions [1]	-
	PTP version [1]	-
	Rated current / Rated current ATEX applications (A)	-
Cross connection identification strip	Green	-
Coloured partition	Red	DFU/3/R (cod. DU03R)
Cross connection barrier		-
Miniature fuse	Ø 5 x 20 mm	F5 (cod. FN...)
LED circuit nonpolarized	For voltage 12V 24V 48V AC/DC	CIL/12-24-48 (cod. SF518)
	For voltage 115V 230V AC/DC	CIL/115-230 (cod. SF510)
Lamp	For voltage 12V 24V AC/DC	-
	For voltage 70V 380V AC/DC	-
Terminal block with LED 12 ÷ 48 V nonpolarized micro-circuit		-
Terminal block with LED 115 ÷ 230 V nonpolarized micro-circuit		-
1 A diode cartridge / insert		-
3 A diode cartridge / insert		-
Terminal block with 1 A diode		-
Terminal block with 3 A diode		-
Single marking tag		CNU/08/51 (cod. CNU0851S)
		CNU/10/61 (cod. CNU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)
	Screw G32	BT/DIN/P0 (cod. BT001)

- for Ø 5 x 20 mm fuses, with possibility of warning of any broken fuse through LED microcircuit (CIL/...)
- for 1 A diodes (types 1N4001 – 1N4007)



[1] See chapter accessories for more details
Components are not included

GREY VERSION	PART NUMBER TYPE	DA200GR	DSF.4/GR
BEIGE VERSION	PART NUMBER TYPE	DA200	DSF.4
BLUE VERSION	PART NUMBER TYPE		

TECHNICAL CHARACTERISTICS

Function/type			Two levels fuse-holders ø 5x20 + feed through
Rated cross-section		(mm²)	4
Connecting capacity	Flexible	(mm²)	0,2 ÷ 6
	Rigid	(mm²)	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	(mm²)	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	800
	Current with rated cross-section	(A)	6.3 A (10 A with CO/5) (upper level) 32 A (lower level)
	Section	Caliber	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	-
	Current with rated cross-section	(A)	-
	Section Min-Max	(AWG)	-
	Tightening torque	(lb.in)	-
Rated impulse withstand voltage/pollution degree			8 kV / 3
Insulation stripping length		(mm)	9
tightening torque value Nominal / Max		(Nm)	0,5 / 1,2
Length		(mm)	79.5
Width		(mm)	8
Height mounted on TH35/7,5		(mm)	69
Height mounted on TH35/15		(mm)	77
Height mounted on G32		(mm)	-
Insulation material temperature index (EN 60216-1)		(°C)	130
Plastic material			Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	DSF.4/PT/GR (cod. DS401GR)
	Beige	DSF.4/PT D(cod. DS401)
	Blue	-
Cross connection	Thickness (mm)	1.5
	PTC or other versions [1]	-
	PTP version [1]	-
Cross connection identification strip	Rated current / Rated current ATEX applications (A)	-
	Green	-
Coloured partition	Red	DFU/7/R (cod. DU07R)
Cross connection barrier		-
Miniature fuse	Ø 5 x 20 mm	F5 (cod. FN...)
LED circuit nonpolarized	For voltage 12V 24V 48V AC/DC	CIL/12-24-48 (cod. SF518)
	For voltage 115V 230V AC/DC	CIL/115-230 (cod. SF510)
Lamp	For voltage 12V 24V AC/DC	-
	For voltage 70V 380V AC/DC	-
Terminal block with LED 12 ÷ 48 V nonpolarized micro-circuit		DSF.4/GR/C12-48 (cod. DA518GR)
Terminal block with LED 115 ÷ 230 V nonpolarized micro-circuit		DSF.4/GR/C115-230 (cod. DA510GR)
1 A diode cartridge / insert		SFR/11A (cod. SF992)
3 A diode cartridge / insert		SFR/13A (cod. SF993)
Terminal block with 1 A diode		DSF.4/GR/D1A (cod. DA901GR)
Terminal block with 3 A diode		DSF.4/GR/D3A (cod. DA903GR)
Single marking tag		CNU/08/51 (cod. CNU0851S)
		CNU/10/61 (cod. CNU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)
	Screw G32	-

- for "blade" fuse in compliance with DIN 72581/3F - ISO 8820
- combinable with CPF05 components holder (see accessories chapter for more details)

[1] See chapter accessories for more details

[2] 10A max. with conducting element VL103 combined with CPF05. 6.3A max with fuse combined with CPF05

[3] Approvals referred to use with CPF/5 component holder cartridge

GREY VERSION	PART NUMBER	TYPE	MPFA.4/GR	DSFA.4/GR
BEIGE VERSION	PART NUMBER	TYPE	MPFA.4	DSFA.4

TECHNICAL CHARACTERISTICS

Function/type		Blade fuse holder	2 levels, blade fuse holder + feed through
Rated cross-section	(mm²)	4	4
Connecting capacity	Flexible	0,2 ÷ 6	0,2 ÷ 6
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	400	400
	Current with rated cross-section	10 [2]	10 [2] / 32
	Section	Caliber A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	300
	Current with rated cross-section	6.3	6.3-30
	Section Min - Max	26-10	26-10
	Tightening torque	4.4	4.4
Rated impulse withstand voltage/pollution degree		6 kV / 3	6 kV / 3
Insulation stripping length	(mm)	9	9
Tightening torque Nominal / Max.	(Nm)	0,5 / 1,2	0,5 / 1,2
Length	(mm)	47	78
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	47	68
Height mounted on TH35/15	(mm)	55	75
Height mounted on G32	(mm)	51	72
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	MPS.4/PT/GR (cod. MP901GR)	DSS/PT/GR (cod. DS301GR)
	Beige	MPS.4/PT (cod. MP901)	DSS/PT (cod. DS301)
	Blue	-	-
	Thickness (mm)	1.5	1.5
Cross connection	PTC version (1)	PTC/4/... (cod. PTC04...)	PTC/4/... (cod. PTC04...)
	PTP version (1)	-	-
	Rated current (A)	32	32
Coloured partition	Red	DFU/3/R (cod. DU03R)	DFU/7/R (cod. DU07R)
Cross connection barrier	Red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Blade-type fuses according to DIN 72581/3F ISO 8820 - max voltage 32 V In = 2A, 5A, 7.5A, 15A (1)			
Terminal block with LED 12V circuit nonpolarized		F32/... (cod. FN032...)	F32/... (cod. FN032...)
Terminal block with LED 24V circuit nonpolarized		MPFA.4/L12 (cod. MF112)	DSFA.4/L12 (cod. DA112)
Marking tag		MPFA.4/L24 (cod. MF124)	DSFA.4/L24 (cod. DA124)
		CNU/08/51 (cod. CNU0851S)	CNU/08/51 (cod. CNU0851S)
		CNU/10/61 (cod. CNU1061S)	CNU/10/61 (cod. CNU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw TH35	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)
	Screw G32		



MPFA.4 - detail of the terminal blocks with numbering CNU/8 and CNU/8/51, "blade" fuse seen from the PTC/4 cross connection and seen from the PTC cross connection. The terminal block can be supplied already including a non-polarised LED warning circuit, to warn if the fuse breaks. Two versions are available, depending on the different power supply voltages.



DSFA.4 - detail of the terminal blocks with numbering CNU/8 and CNU/8/51, blade fuse and view of the PTC/4 cross connections on the upper level (upstream from the fuse) and on the lower level. The terminal block can be supplied already including a non-polarised LED warning circuit, to warn if the fuse breaks. Two versions are available, depending on the different power supply voltages. **DSFA.4/L12** code DA112 (complete with non-polarised 12 V LED circuit) **DSFA.4/L24** code DA124 (complete with non-polarised 24 V LED circuit)

- for Ø 6.3 x 32 mm fuses
- for Ø 6.3 x 32 mm fuses, with possibility of warning of any broken fuse through LED microcircuit (CIL/...)
- No end section required

[1] value referred to the insulation characteristics of the terminal blocks



BEIGE VERSION

PART NUMBER
TYPE

FP100

FPC.10

FP300

FPL.10/C

FP200

FPL.10/L

TECHNICAL CHARACTERISTICS

Function/type			fuse holder Ø 6.3 x 32 mm	fuse holder Ø 6.3 x 32 mm with LED	fuse holder Ø 6.3 x 32 mm with lamp
Rated cross-section		[mm²]	10	10	10
Connecting capacity	Flexible	[mm²]	1.5 - 16	1.5 - 16	1.5 - 16
	Rigid	[mm²]	1.5 - 16	1.5 - 16	1.5 - 16
	Max. flexible with ferrule - ferrule type	[mm²]	10 - WP100/21	10 - WP100/21	10 - WP100/21
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	800	800	800
	Current with rated cross-section	[A]	10 A [20 A with SFC/CO]	10	10 A [20 A with SFC/CO]
	Section	Caliber	B6	B6	B6
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	300	300
	Current with rated cross-section	[A]	15	15	15
	Section Min - Max	[AWG]	20 - 6	20 - 6	20 - 6
	Tightening torque	[lb.in]	7	7	7
Rated impulse withstand voltage/pollution degree			6 KV (1) / 3	6 KV (1) / 3	6 KV (1) / 3
Insulation stripping length		[mm]	17	17	17
Tightening torque value Nominal / Max		[Nm]	1.2 / 1.9	1.2 / 1.9	1.2 / 1.9
Length		[mm]	63	63	63
Width		[mm]	12	12	12
Height mounted on TH35/7,5		[mm]	70	71	71
Height mounted on TH35/15		[mm]	78	79	79
Height mounted on G32		[mm]	74	75	75
Insulation material temperature index (EN 60216-1)		[°C]	130	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0



APPROVALS

ACCESSORIES

Coloured partition	Red	DFU/6/R (cod. DU06R)	DFU/6/R (cod. DU06R)	DFU/6/R (cod. DU06R)
Test plug		SDD/2 (cod. DD002)	-	-
MSM handle	Simultaneous disconnection of 6 terminal blocks	MSM (cod. FC103)	MSM (cod. FC103)	MSM (cod. FC103)
Neon lamp Ø 6 x 26 mm		-	-	LSN (cod. FL202)
Non polarized LED circuit	12-24-48V AC/DC voltages	-	CIL/12-24-48 (cod. SF518)	-
Non polarized LED circuit	115-230V AC/DC voltages	-	CIL/115-230 (cod. SF510)	-
Marking tag		CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)	CNU/08/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- for Ø 5x20 mm fuses, with LED warning circuit capable of detecting intervention of the fuse
- with LED (CIL) microcircuits - non-polarised for operation under alternating and/or direct current

(1) See chapter accessories for more details



BEIGE VERSION WITH 12-24-48V LED CIRCUIT	PART NUMBER TYPE	SF948 SFR.4/C48		FP948 FPL.10/C48
BEIGE VERSION WITH 100-230V LED CIRCUIT	PART NUMBER TYPE	SF923 SFR.4/C230		FP923 FPL.10/C230
GREY VERSION WITH 12-24-48V LED CIRCUIT	PART NUMBER TYPE	SF948GR SFR.4/C48/GR	CBF448GR CBF.4/C48/GR	
GREY VERSION WITH 100-230V LED CIRCUIT	PART NUMBER TYPE	SF923GR SFR.4/C230/GR	CBF423GR CBF.4/C23/GR	

TECHNICAL CHARACTERISTICS

Function/type		For Ø 5 x 20 mm fuse and LED circuit	For Ø 5 x 20 mm fuse and LED circuit	For Ø 6.3 x 32 mm fuse and LED circuit
Rated cross-section	(mm²)	4	4	10
Connecting capacity	Flexible (mm²)	0.2 - 6	0.2 - 6	1.5 - 16
	Rigid (mm²)	0.2 - 6	0.2 - 6	1.5 - 16
	Max. flexible with ferrule - ferrule type (mm²)	4 - WP40/16	4 - WP40/16	10 - WP100/21
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	800	630	800
	Current with rated cross-section (A)	6.3	6.3 A max [20A con CO/5]	10
	Section Caliber	A4	A4	B6
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600	600	300
	Current with rated cross-section (A)	6.3	6.3	15
	Section Min - Max (AWG)	20-12	20 - 12	20 - 6
	Tightening torque (lb.in)	4.4	4.4	7
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3	6 KV / 3
Insulation stripping length	(mm)	11	11	17
Tightening torque value Nominal / Max	(Nm)	0.5 / 1.2	0.5 / 1	1.2 / 1.9
Length	(mm)	52	57	63
Width	(mm)	8	6	12
Height mounted on TH35/7,5	(mm)	52	76	71
Height mounted on TH35/15	(mm)	60	83	79
Height mounted on G32	(mm)	56	-	75
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		polyamide UL94V-0	polyamide UL94V-0	polyamide UL94V-0

APPROVALS



ACCESSORIES				
End section	Grey	SFR/PT/GR (cod. SF701GR)	CBSF.2-4/PT/GR (cod. CB401GR)	-
	Beige	SFR/PT (cod. SF701)	-	-
	Thickness (mm)	1.5	1.5	-
Cross connection	PTC version (1)	-	PTC/4/... (cod. PTC04...)	-
	PTP version (1)	-	PTP/4/... (cod. PTP04...)	-
	Rated current (A)	-	32	-
Cross connection identification strip	Green	-	PTC/SP (cod. PTC0990)	-
Coloured partition	Red	DFU/3/R (cod. DU03R)	-	DFU/6/R (cod. DU06R)
MSM handle	Simultaneous disconnection of 6 terminal blocks	-	-	MSM (cod. FC103)
Miniature fuse Ø 5 x 20 mm		F5/... (cod. FN...)	F5/... (cod. FN...)	-
Conducting element		CO/5 (cod. VL103)	CO/5 (cod. VL103)	-
		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	-
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	-
Marking tag		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35 and G32	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw TH35	BT/DIN/PO (cod. BT001)	-	BT/DIN/PO (cod. BT001)
End bracket	Screw G32			



[1] See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	CBS02GR	CBS.2/GR	CBS04GR	CBS.4/GR
BEIGE VERSION	PART NUMBER TYPE	CBS02	CBS.2	CBS04	CBS.4
BLUE VERSION	PART NUMBER TYPE	CBS02I	CBS.2 (EX) I	CBS04I	CBS.4 (EX) I

TECHNICAL CHARACTERISTICS

Function/type		"blade" switchable	"blade" switchable
Rated cross-section	(mm ²)	2,5	4
Connecting capacity	Flexible	0,2 ÷ 4	0,2 ÷ 6
	Rigid	0,2 ÷ 4	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	2,5 - WP25/14	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630	630
	Current with rated cross-section	20	25
	Section	Caliber A3	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	20	24
	Section Min - Max	20-12	20-10
	Tightening torque	3,5	4,4
Rated impulse withstand voltage/pollution degree		6 kV / 3	6 kV / 3
Insulation stripping length	(mm)	9	10
Tightening torque value Nominal / Max	(Nm)	0,4 / 0,6	0,5 / 0,8
Length	(mm)	57	57
Width	(mm)	5	6
Height mounted on TH35/7,5	(mm)	52	52
Height mounted on TH35/15	(mm)	60	60
Height mounted on G32	(mm)	-	-
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0



APPROVALS

ACCESSORIES

End section	Grey	CBSF.2-4/PT/GR (cod. CB401GR)	CBSF.2-4/PT/GR (cod. CB401GR)
	Beige	CBSF.2-4/PT (cod. CB401)	CBSF.2-4/PT (cod. CB401)
	Blue	CBSF.2-4/PT (Ex)I (cod. CB402)	CBSF.2-4/PT (Ex)I (cod. CB402)
	Thickness	(mm)	1,5
Cross connection	PTC version [1]	PTC/2/... (cod. PTC02...)	PTC/4/... (cod. PTC04...)
	PTP version [1]	PTP/2/... (cod. PTP02...)	PTP/4/... (cod. PTP04...)
	Rated current	(A)	24
Switchable cross connection		-	-
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Multiple common bar		-	-
Shunting screw and sleeve		-	-
Coloured partition	Red	DFU/3/R (cod. DU03R)	DFU/3/R (cod. DU03R)
Cross connection barrier	Red	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)
Test plug		-	-
Short-circuit plate	2 poles	-	-
	4 poles	-	-
Brass conducting element		-	-
Screw and sleeve for short-circuit plates		-	-
MSM handle		-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



(1) See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	MP950GR	DSS400GR
		MPS.4/GR	DSS.4/GR
BEIGE VERSION	PART NUMBER TYPE	MP950	DSS400
		MPS.4	DSS.4
BLUE VERSION	PART NUMBER TYPE	MP960	
		MPS.4 (EX)I	

TECHNICAL CHARACTERISTICS

Function/type		"blade" switchable	2 levels disconnect
Rated cross-section		(mm ²)	(mm ²)
Connecting capacity	Flexible	4	4
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	0,2 ÷ 6	0,2 ÷ 6
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	4 - WP40/16	4 - WP40/16
	Current with rated cross-section	400	400
	Section	24	24(upper circuit)-32(lower circuit)
Electrical characteristics According to UL	Max AC/DC Voltage	A4	A4
	Current with rated cross-section	600	300
	Section Min - Max	24	24(upper circuit)-32(lower circuit)
Tightening torque		(lb.in)	(lb.in)
Rated impulse withstand voltage/pollution degree		4,4	4,4
Insulation stripping length		6 kV / 3	6 kV / 3
Tightening torque value Nominal / Max		9	9
Length		0,5 / 1,2	0,5 / 1,2
Width		47	78
Height mounted on TH35/7,5		6	6
Height mounted on TH35/15		47	68
Height mounted on G32		55	75
Insulation material temperature index (EN 60216-1)		51	72
Plastic material		130	130
		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES			
End section	Grey	MPS.4/PT/GR (cod. MP901GR)	DSS/PT/GR (cod. DS301GR)
	Beige	MPS.4/PT (cod. MP901)	DSS/PT (cod. DS301)
	Blue	MPS.4/PT (Ex) i (cod. MP902)	-
	Thickness	(mm)	1,5
Cross connection	PTC version [1]	PTC/4/... (cod. PTC04...)	PTC/4/... (cod. PTC04...)
	PTP version [1]	-	-
	Rated current	(A)	32
Switchable cross connection		-	-
Cross connection identification strip		Green	PTC/SP (cod. PTC0990)
Multiple common bar		-	-
Shunting screw and sleeve		-	-
Coloured partition		Red	DFU/3/R (cod. DU03R)
Cross connection barrier		Red	DFM/500 (cod. DF500)
Test plug		-	-
Short-circuit plate	2 poles	-	-
	4 poles	-	-
Brass conducting element		-	-
Screw and sleeve for short-circuit plates		-	-
MSM handle		-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- disconnects by means of conducting element to be inserted in the lever
(Not included in the package)
- Ø 5 x 20 mm CO/5 conducting element - in tin plated brass to be inserted in the lever



(1) See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	SF900GR	SFR.4/GR	SF910GR*	SFR.4/VS/GR
BEIGE VERSION	PART NUMBER TYPE	SF900	SFR.4	SF910*	SFR.4/VS
BLUE VERSION	PART NUMBER TYPE	SF850	SFR.4 (EX)I		

* Till the end of stock

TECHNICAL CHARACTERISTICS

Function/type		disconnect	disconnect, with solder lug
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0,2 ÷ 6	0,2 ÷ 6
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	800	400
	Current with rated cross-section	20 A (with CO/5)	15 A (with CO/5)
	Section	Caliber A3	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	-
	Current with rated cross-section	6.3	-
	Section Min - Max	20-12	-
	Tightening torque	4.4	-
Rated impulse withstand voltage/pollution degree		6 kV / 3	4 kV / 3
Insulation stripping length	(mm)	11	11
Tightening torque value Nominal / Max	(Nm)	0,5 / 1,2	0,5 / 1,2
Length	(mm)	52	65
Width	(mm)	8	8
Height mounted on TH35/7,5	(mm)	52	52
Height mounted on TH35/15	(mm)	60	60
Height mounted on G32	(mm)	56	56
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES			
End section	Grey	SFR.4/PT/GR (cod. SF701GR)	SFR.4/PT/GR (cod. SF701GR)
	Beige	SFR.4/PT (cod. SF701)	SFR.4/PT (cod. SF701)
	Blue	SFR.4/PT (Ex)I (cod. SF801)	-
	Thickness	(mm)	1.5
Cross connection	PTC version (1)	-	-
	PTP version (1)	-	-
	Rated current	(A)	-
Switchable cross connection		-	-
Cross connection identification strip	Green	-	-
Multiple common bar		-	-
Shunting screw and sleeve		-	-
Coloured partition	Red	-	-
Cross connection barrier	Red	-	-
Test plug		-	-
Short-circuit plate	2 poles	-	-
	4 poles	-	-
Brass conducting element		CO/5 (cod. VL103)	CO/5 (cod. VL103)
Screw and sleeve for short-circuit plates		-	-
MSM handle		-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- disconnects by means of conducting element to be inserted in the lever (Not included in the package)
- possibly to perform parallel connections
- Ø 6x 32 mm CO/6 conducting element - in tin plated brass to be inserted in the lever

[1] See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	SR500GR	SFR.6/M/GR	SR300GR	SFR.6/GR
BEIGE VERSION	PART NUMBER TYPE	SR500	SFR.6/M	SR300	SFR.6
BLUE VERSION	PART NUMBER TYPE	SR600	SFR.6/M (EX)I	SR400	SFR.6 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		disconnect	disconnect
Rated cross-section	(mm²)	6	6
Connecting capacity	Flexible	0,2 ÷ 10	0,2 ÷ 10
	Rigid	0,2 ÷ 10	0,2 ÷ 10
	Max. flexible with ferrule - ferrule type	4 - WP60/20	6 - WP60/20
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630	630
	Current with rated cross-section	10 / 19 A (with cylinder)	10 / 32 A (with cylinder)
	Section	Caliber A5	A5
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	6.3	10
	Section Min - Max	20-8	20-8
	Tightening torque	13	13
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3
Insulation stripping length	(mm)	11	11
Tightening torque value Nominal / Max	(Nm)	0,8 / 1,4	0,8 / 1,4
Length	(mm)	79	79
Width	(mm)	10	10
Height mounted on TH35/7,5	(mm)	59	59
Height mounted on TH35/15	(mm)	67	67
Height mounted on G32	(mm)	63	63
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	SFR.6/PT/GR (cod. SR301GR)	SFR.6/PT/GR (cod. SR301GR)
	Beige	SFR.6/PT (cod. SR301)	SFR.6/PT (cod. SR301)
	Blue	SFR.6/PT (Ex)I (cod. SR401)	SFR.6/PT (Ex)I (cod. SR401)
	Thickness (mm)	1,5	1,5
Cross connection	PTC version [1]	PTC/20/... (cod. PTC20...)	PTC/20/... (cod. PTC20...)
	PTP version [1]	-	-
	Rated current (A)	25	25
Switchable cross connection		-	-
Cross connection identification strip	Green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Multiple common bar		-	-
Shunting screw and sleeve		-	-
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barrier	Red	DFM/300 (cod. DF300)	DFM/300 (cod. DF300)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Short-circuit plate	2 poles	-	-
	4 poles	-	-
Brass conducting element		CO/5 (cod. VL103)	CO/6 (cod. CO06)
Screw and sleeve for short-circuit plates		-	-
MSM handle		-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- disconnects by means of conducting element to be inserted in the lever*
- slide link disconnect
- possibly to perform parallel connections
- Ø 6 x 32 mm CO/6 conducting element - in tin plated brass to be inserted in the lever

(1) See chapter accessories for more details

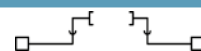
* [Not included in the package]



GREY VERSION	PART NUMBER TYPE		SB300GR
			SCB.4/GR
BEIGE VERSION	PART NUMBER TYPE	FP100	SB300
		FPC.10	SCB.4
BLUE VERSION	PART NUMBER TYPE		

TECHNICAL CHARACTERISTICS

Function/type		disconnect	disconnect by slide link
Rated cross-section	(mm ²)	10	4
Connecting capacity	Flexible	1,5 ÷ 16	0,2 ÷ 6
	Rigid	1,5 ÷ 16	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	10 - WP100/21	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	800	800
	Current with rated cross-section	20 (with SFC/CO)	32
	Section	Caliber B6	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	15	20
	Section Min - Max	20-6	20-12
	Tightening torque	7	4,4
Rated impulse withstand voltage/pollution degree		6 kV / 3	8 kV / 3
Insulation stripping length	(mm)	17	9
Tightening torque value Nominal / Max	(Nm)	1,2 / 1,9	0,5 / 1,2
Length	(mm)	63	58
Width	(mm)	12	6,5
Height mounted on TH35/7,5	(mm)	70	44
Height mounted on TH35/15	(mm)	79	52
Height mounted on G32	(mm)	75	48
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0



APPROVALS



ACCESSORIES			
End section	Grey	-	SCB.4/PT/GR (cod. SB301GR)
	Beige	-	SCB.4/PT (cod. SB301)
	Blue	-	-
	Thickness	(mm)	1,5
Cross connection	PTC or other version (1)	-	PM/40/... (cod. PM4...)
	PTP version (1)	-	-
	Rated current	(A)	32
Switchable cross connection		-	POS/12 (cod. POS12)
Cross connection identification strip	Green	-	-
Multiple common bar		-	PMP/42 (cod. PMP42)
Shunting screw and sleeve		-	CPM/12 (cod. CPM12)
Coloured partition	Red	DFU/6/R (cod. DU06R)	DFU/3/R (cod. DU03R)
Cross connection barrier	Red	-	-
Test plug socket		-	PSD/A (cod. PD001)
Test plug		SDD/2 (cod. DD002)	SDD/1 (cod. DD001)
Short-circuit plate	2 poles	-	SCB/4/PO/2 (cod. SB303)
	4 poles	-	SCB/4/PO/4 (cod. SB304)
Brass conducting element		SFC/CO (cod. FC102)	-
Screw and sleeve for short-circuit plates		-	SCB/4/CPM (cod. SB305)
MSM handle		MSM (cod. FC103)	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

WITH UL94V-0 POLYAMIDE INSULATING BODY

- Universal mounting for both PR/DIN and PR/3 rails which meet IEC 60715 norms, "G32" and TH/35 types

In SCB.6 type terminal block, the use of special cross-connections, formed by

SCB/6/P0/2

[between 2 adjoining terminal blocks]



or

SCB/6/P0/4

[between 4 adjoining terminal blocks]



and by the relevant

SCB/6/CPM

shunting screws



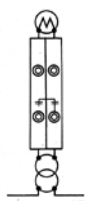
allow the simultaneous earth connection of the current transformers connected to the terminal blocks themselves, guaranteeing the correct operational sequence. In fact such cross connections, in opened position, avoid the translation on the slide links, already connected in an accident prevention position from the outside; they do not require the insertion of further partitions to separate them from other adjoining cross-connections or terminal blocks, due to the special shape of the insulating body of the terminal block itself.

SCB.6 type terminal blocks have also the possibility to house, upstream and downstream the disconnection, sockets for test plugs, suitable for the withdraw of signals.

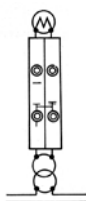
In particular the shunts can take place:

- On **SCB/CPM** shunting screws of the short-circuit plates
- On **PSD/P** socket to be screwed directly into the conducting body of the terminal block, in order to perform the shunting function.

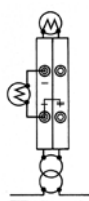
The slide-link is formed by two guides, held together by a screw inserted in a glass-shape collar, which allows the elastic blocking and the anti-loosening of the slide-link and is provided with a red protective colouring for the easy positioning of the screwdriver during the disconnection and the easy spotting of the slide-link itself.



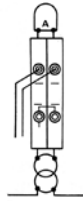
**NORMAL
OPERATION**



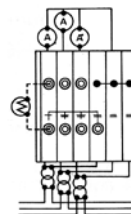
**CT
SHORT-CIRCUIT**



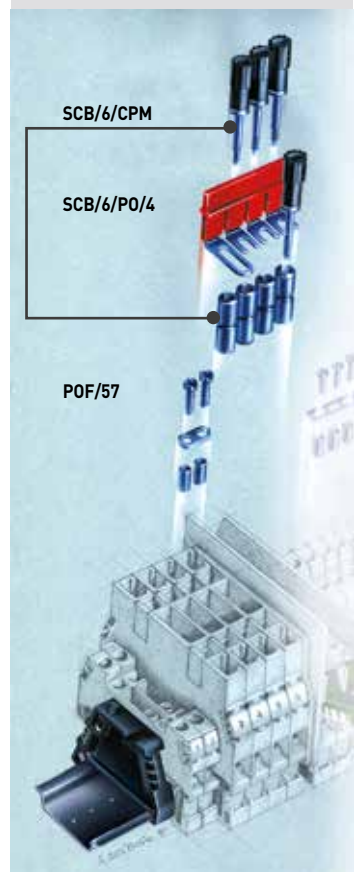
**TEST ON
MEASURING
INSTRUMENT**



**PROTECTION
INSTRUMENT
TEST**



**THREE PHASE
CT TEST**



- configurations prepared /DD (with derivation sockets upstream and downstream of the slide link) - for voltammetric circuits
- configurations prepared /CD (with derivation sockets upstream and downstream of the slide link and sleeve for short circuit upstream of the slide link) - for amperometric circuits

(1) For the simple connection in parallel of two or more adjoining terminal blocks use the parallel skid, with the screw and sleeves, after removing the insulating wall with a simple cutter.

(2) Longitudinal and trasversal test switching terminal block. Configuration complete with test plug socket downstream and upstream the slide link, compliant with the ENEL LV 27/3 specifications.

(3) Longitudinal and trasversal test switching terminal block. Configuration complete with test plug socket upstream and a short circuit sleeve SCB/6/PO/2 or SCB/6/PO/4 type, supplied separately, downstream of the slide link, compliant with the ENEL LV 27/3 specifications.



GREY VERSION	PART NUMBER TYPE	SB200GR	SCB.6/GR	SB210GR	SCB.6/DD/GR	SB220GR	SCB.6/CD/GR
BEIGE VERSION	PART NUMBER TYPE	SB200	SCB.6	SB210	SCB.6/DD	SB220	SCB.6/CD

TECHNICAL CHARACTERISTICS

Function/type		disconnect by slide link	disconnect by slide link in special configuration for voltmetric circuits [2]	disconnect by slide link in special configuration for amperometric circuits [3]
Rated cross-section	(mm ²)	6	6	6
Connecting capacity	Flexible	(mm ²) 0.5-10	0.5-10	0.5-10
	Rigid	(mm ²) 0.5-10	0.5-10	0.5-10
	Max. flexible with ferrule - ferrule type	(mm ²) 6-WP60/20	6-WP60/20	6-WP60/20
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 800	800	800
	Current with rated cross-section	(A) 41	41	41
	Section	Caliber A5	A5	A5
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600	-	-
	Current with rated cross-section	(A) 47	-	-
	Section Min - Max	(AWG) 20 - 8	-	-
	Tightening torque	(lb.in) 13.3	-	-
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3	6 KV / 3
Insulation stripping length	(mm)	12	12	12
Tightening torque value (test / max)	(Nm)	0.8 / 1.4	0.8 / 1.4	0.8 / 1.4
Length	(mm)	69	69	69
Width	(mm)	8	8	8
Height mounted on TH35/7,5	(mm)	65	76	77
Height mounted on TH35/15	(mm)	73	84	85
Height mounted on G32	(mm)	68	79	80
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	SCB/6/PT/GR [cod. SB201GR]	SCB/6/PT/GR [cod. SB201GR]	SCB/6/PT/GR [cod. SB201GR]
	Beige	SCB/6/PT [cod. SB201]	SCB/6/PT [cod. SB201]	SCB/6/PT [cod. SB201]
	Thickness (mm)	1.5	1.5	1.5
Permanent cross connection	[1]	POF/57 [cod. POF57]	POF/57 [cod. POF57]	POF/57 [cod. POF57]
Multiple common bar	250 mm	PMP/13 [cod. PMP13]	PMP/13 [cod. PMP13]	PMP/13 [cod. PMP13]
Shunting screw and sleeve		CPM/57 [cod. CPM57]	CPM/57 [cod. CPM57]	CPM/57 [cod. CPM57]
Coloured partition	Red	DFU/6/R [cod. DU06R]	DFU/6/R [cod. DU06R]	DFU/6/R [cod. DU06R]
Test plug socket		PSD/P [cod. PD015]	2 pcs included	1 pcs included
Test plug		SDD/2 [cod. DD002]	SDD/2 [cod. DD002]	SDD/2 [cod. DD002]
Short-circuit plate	2 poles	SCB/6/PO/2 [cod. SB203]	-	SCB/6/PO/2 [cod. SB203]
	4 poles	SCB/6/PO/4 [cod. SB204]	-	SCB/6/PO/4 [cod. SB204]
Screw and sleeve for short-circuit plates	Black	SCB/6/CPM [cod. SB205]	-	1 pcs included
	Red	SCB/6/CPM/R [cod. SB205R]	-	-
Marking tag		CNU/8/51 [cod. NU0851S]	CNU/8/51 [cod. NU0851S]	CNU/8/51 [cod. NU0851S]
		CNU/10/61 [cod. NU1061S]	CNU/10/61 [cod. NU1061S]	CNU/10/61 [cod. NU1061S]
End bracket	Snap-fit TH35 and G32	BTU [cod. BT005]	BTU [cod. BT005]	BTU [cod. BT005]
	Snap-fit TH35	BTO [cod. BT007]	BTO [cod. BT007]	BTO [cod. BT007]
	Screw TH35	BT/3 [cod. BT003]	BT/3 [cod. BT003]	BT/3 [cod. BT003]
	Screw G32	BT/DIN/PO [cod. BT001]	BT/DIN/PO [cod. BT001]	BT/DIN/PO [cod. BT001]

- configurations prepared /DD (with derivation sockets upstream and downstream of the slide link) - for voltammetric circuits
- configurations prepared /CD (with derivation sockets upstream and downstream of the slide link and sleeve for short circuit upstream of the slide link) - for amperometric circuits



GREY VERSION	PART NUMBER	TYPE	SB400GR	SB410GR	SB420GR
			SCB.10/GR	SCB.10/DD/GR	SCB.10/CD/GR
BEIGE VERSION	PART NUMBER	TYPE	SB400	SB410	SB420
			SCB.10	SCB.10/DD	SCB.10/CD

TECHNICAL CHARACTERISTICS

Function/type			disconnect by slide link	disconnect by slide link in special configuration for voltmetric circuits	disconnect by slide link in special configuration for amperometric circuits
Rated cross-section		(mm ²)	10	10	10
Connecting capacity	Flexible	(mm ²)	0.5-16	0.5-16	0.5-16
	Rigid	(mm ²)	0.5-16	0.5-16	0.5-16
	Max. flexible with ferrule - ferrule type	(mm ²)	10-WP100/21	10-WP100/21	10-WP100/21
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	1000	1000	1000
	Current with rated cross-section	(A)	57	57	57
	Section	Caliber	A4	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	-	-	-
	Current with rated cross-section	(A)	-	-	-
	Section Min - Max	(AWG)	-	-	-
	Tightening torque	(lb.in)	-	-	-
Rated impulse withstand voltage/pollution degree			8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length		(mm)	14	14	14
Tightening torque value (test / max)		(Nm)	1,2 / 1,9	1,2 / 1,9	1,2 / 1,9
Length		(mm)	75	-	-
Width		(mm)	10.5	10.5	10.5
Height mounted on TH35/7,5		(mm)	59.5	59.5	59.5
Height mounted on TH35/15		(mm)	67.5	67.5	67.5
Height mounted on G32		(mm)	63.5	63.5	63.5
Insulation material temperature index (EN 60216-1)		(°C)	130	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES					
End section	Grey		SCB/10/PT/GR (cod. SB401GR)	SCB/10/PT/GR (cod. SB401GR)	SCB/10/PT/GR (cod. SB401GR)
	Beige		SCB/10/PT (cod. SB401)	SCB/10/PT (cod. SB401)	SCB/10/PT (cod. SB401)
	Thickness	(mm)	1.5	1.5	1.5
Permanent cross connection	{1}		POF/56 (cod. POF56)	POF/56 (cod. POF56)	POF/56 (cod. POF56)
Multiple common bar	250 mm		PMP/56 (cod. PMP56)	PMP/56 (cod. PMP56)	PMP/56 (cod. PMP56)
Shunting screw and sleeve			CPM/56 (cod. CPM56)	CPM/56 (cod. CPM56)	CPM/56 (cod. CPM56)
Coloured partition	Red		DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket			PSD/L PD009	2 pcs included	1 pcs included
Test plug			SDD/2 (cod. DD002)	SDD/2 (cod. DD002)	SDD/2 (cod. DD002)
Short-circuit plate	2 poles		SCX/PO/2 (cod. SC103)	-	SCX/PO/2 (cod. SC103)
	4 poles		SCX/PO/4 (cod. SC104)	-	SCX/PO/4 (cod. SC104)
Screw and sleeve for short-circuit plates	Black		SCX/CPM (cod. SC105)	-	1 pcs included
	Red		-	-	-
Marking tag			CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
			CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32		BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- for 1 A diodes (types 1N4001 – 1N4007)
- for 3 A diodes (type BY 255)

[1] value referred to the insulation characteristics of the terminal block



GREY VERSION	PART NUMBER TYPE	SF900GR	SFR.4/GR	SF901GR	SFR.4/D1/GR	SF903GR	SFR.4/D3/GR
BEIGE VERSION	PART NUMBER TYPE	SF900	SFR.4	SF901	SFR.4/D1	SF903	SFR.4/D3

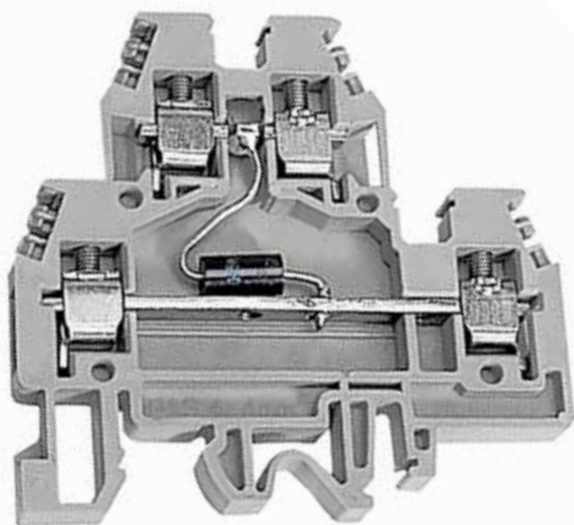
TECHNICAL CHARACTERISTICS

Function/type		for 1 A or 3 A diodes	with 1 A diode	with 3 A diode
Rated cross-section	(mm ²)	4	4	4
Connecting capacity	Flexible	(mm ²) 0.2-6	0.2-6	0.2-6
	Rigid	(mm ²) 0.2-6	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	(mm ²) 4-WP40/16	4-WP40/16	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 800 (1)	800 (1)	800 (1)
	Current with rated cross-section	(A) 1 / 3	1	3
	Section	Caliber A4	A4	A4
Rated impulse withstand voltage/pollution degree		6 kV (1) / 3	6 kV (1) / 3	6 kV (1) / 3
Insulation stripping length	(mm)	11	11	11
Tightening torque value (test / max)	(Nm)	0.5 / 1.2	0.5 / 1.2	0.5 / 1.2
Length	(mm)	52	52	52
Width	(mm)	8	8	8
Height mounted on TH35/7,5	(mm)	52	52	52
Height mounted on TH35/15	(mm)	60	60	60
Height mounted on G32	(mm)	56	56	56
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	SFR.4/PT/GR (cod. SF701GR)	SFR.4/PT/GR (cod. SF701GR)	SFR.4/PT/GR (cod. SF701GR)
	Beige	SFR.4/PT (cod. SF701)	SFR.4/PT (cod. SF701)	SFR.4/PT (cod. SF701)
	Blue	SFR.4/PT (Ex)I (cod. SF801)	SFR.4/PT (Ex)I (cod. SF801)	SFR.4/PT (Ex)I (cod. SF801)
	Thickness	(mm) 1.5	1.5	1.5
Coloured partition	Red	DFU/3/R (cod. DU03R)	DFU/3/R (cod. DU03R)	DFU/3/R (cod. DU03R)
Miniature fuse		-	F5 (cod. FN...)	F5 (cod. FN...)
Cartridge / insert with 1 A diode		SFR/I1A (cod. SF992)	-	-
Cartridge / insert with 3 A diode		SFR/I3A (cod. SF993)	-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



- With cross-connection possibility
- Universal mounting onto both PR/DIN and PR/3 type rails - according to IEC 60715 standard
- Two and three level circuits with bidirectional suppressor diode
- Protection against overvoltage, transient, pulse jamming
- Available in grey and beige

The **DAS.4...D** terminal blocks with suppressor diodes inserted as in **diagram 3**, limit voltage peaks due to surges, electrostatic discharges and switching of inductive loads.

The range of models available makes it possible to choose between nominal voltages suitable for protecting signals with standard voltages of 5Vdc, 12Vdc, 24Vdc and 60Vdc. The **DAS.4...D** connected as in **diagram 4** is an effective protection against differential mode interferences for industrial PLC, DCS, PC inputs and outputs, signal conditioners and sensors, and also for stabilised direct current power supplies of electronic equipment in general.

The **DAS.4...D** does not have a signal wiring direction to be observed, as also the connection of the positive and negative polarities can be made either on the lower or the upper level.

Differential mode interference (diagram 5): these generate a great difference of potential between the two conductors of a signal (positive and negative of the twisted pair) or of a power supply, and as they are applied directly to the input/output circuits of the device, they always cause a fault in the same.

Common mode interference (diagram 6): these generate a great difference of potential between the two signal or power supply conductors and the reference earth. They are less destructive than differential mode interferences.

Note for wiring: wiring of the power surge protection devices greatly influences their actual efficacy and we recommend following the instructions below:

- The protection device must be placed as close as possible to the equipment to be protected;
- The connection wires must be as short and straight as possible, interwoven with each other and with the largest possible cross section;
- The earth conductors between common mode dischargers and the equipotential busbar must be as short as possible and with the largest possible cross section and their path must not be parallel to other conductors. The earth of the protected equipment must be connected to the same earth of its discharger and from there to the general protection earthing.



Schema 3

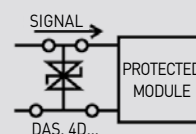


Diagram 4

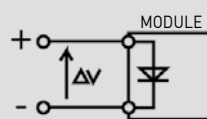


Diagram 5

Differential mode interference. The potential difference is applied between positive and negative poles of the power supply signal.

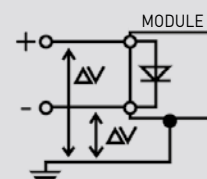
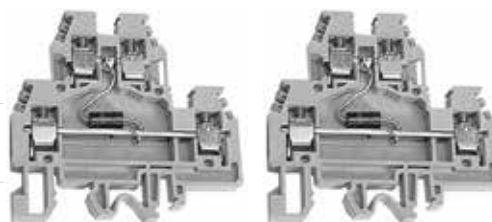


Diagram 6

Common mode interference. The potential difference is applied between the poles of the signal/power supply unit and the earth.

- with cross-connection possibility on lower level
- two and three level circuits with bidirectional suppressor diode
- protection against overvoltage, transistor, pulse jamming

(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	DSD005GR	DSD012GR
		DAS.4/D5/GR	DAS.4/D12/GR
BEIGE VERSION	PART NUMBER TYPE	DSD005	DSD012
		DAS.4/D5	DAS.4/D12

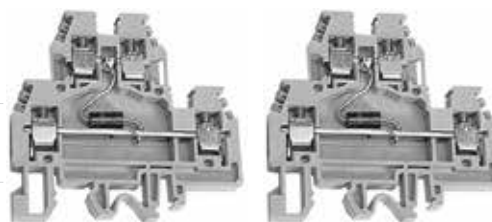
TECHNICAL CHARACTERISTICS

Function/type		bidirectional suppressor	bidirectional suppressor
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0.2-6	0.2-6
	Rigid	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	4-WP40/16	4-WP40/16
Rated voltage	(V)	5	12
Vdc max.	(V)	6.45	15.2
Vac max.	(V)	-	-
Breakdown voltage(1 mA)	(V)	6.8 ± 5%	16 ± 5%
Max clamping voltage	(V)	11	23
Response time	(ns)	< 1	< 1
ISC pulse /20 µs	(A)	750	350
Capacity (1 kHz)	(nF)	5	3
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0.5 / 1.2	0.5 / 1.2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES			
End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness (mm)	1.5	1.5
Cross connection	{1}	PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar	250 mm	PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- with cross-connection possibility on lower level
- two and three level circuits with bidirectional suppressor diode
- protection against overvoltage, transistor, pulse jamming



(1) See chapter accessories for more details

GREY VERSION		PART NUMBER TYPE	DSD024GR	DSD060GR
			DAS.4/D24/GR	DAS.4/D60/GR
BEIGE VERSION		PART NUMBER TYPE	DSD024	DSD060
			DAS.4/D24	DAS.4/D60

TECHNICAL CHARACTERISTICS			bidirectional suppressor	bidirectional suppressor
Function/type				
Rated cross-section		(mm ²)	4	4
Connecting capacity	Flexible	(mm ²)	0.2-6	0.2-6
	Rigid	(mm ²)	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	(mm ²)	4-WP40/16	4-WP40/16
Rated voltage		(V)	24	60
Vdc max.		(V)	28.5	77.9
Vac max.		(V)	-	-
Breakdown voltage(1 mA)		(V)	30 ± 5%	82 ± 5%
Max clamping voltage		(V)	41	113
Response time		(ns)	< 1	< 1
ISC pulse /20 µs		(A)	160	70
Capacity (1 kHz)		(nF)	1.5	0.6
Insulation stripping length		(mm)	9	9
Tightening torque value (test / max)		(Nm)	0.5 / 1.2	0.5 / 1.2
Length		(mm)	64	64
Width		(mm)	6	6
Height mounted on TH35/7,5		(mm)	62	62
Height mounted on TH35/15		(mm)	70	70
Height mounted on G32		(mm)	66	66
Insulation material temperature index (EN 60216-1)		(°C)	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness (mm)	1.5	1.5
Cross connection	{1}	PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar	250 mm	PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw TH35	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)
	Screw G32		

- two and three level circuits with varistor
- with cross-connection possibility on lower level
- protection against overvoltage, transistor, pulse jamming



[1] See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	DSV024GR	DAS.4/V24/GR	DSV048GR	DAS.4/V48/GR
BEIGE VERSION	PART NUMBER TYPE	DSV024	DAS.4/V24	DSV048	DAS.4/V48

TECHNICAL CHARACTERISTICS

Function/type		two level circuits with varistor	two level circuits with varistor
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0.2-6	0.2-6
	Rigid	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	4-WP40/16	4-WP40/16
Rated voltage	(V)	24	48
Vdc max.	(V)	38	100
Vac max.	(V)	30	75
Breakdown voltage(1 mA)	(V)	47 ± 10%	120 ± 10%
Max clamping voltage	(V)	93	200
ISC pulse /20 µs	(A)	500	2500
Capacity (1 kHz)	(nF)	3800	1650
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0.5 / 1.2	0.5 / 1.2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

The **DAS.4V...** terminal blocks with varistor inserted as in **diagram 1**, limit voltage peaks due to surges, indirect atmospheric discharges and switching of inductive loads.

The range of models available makes it possible to choose between nominal voltages suitable for protecting both signals and power supplies with standard voltages of 24 V DC, 48 V DC, or for power supply voltages of 120 V AC and 230 V AC.

The **DAS.4V...** connected as in **diagram 2** is an effective protection against differential mode interferences for industrial PLC, DCS, PC inputs and outputs, signal conditioners and sensors, and also for power supplies of electronic equipment in general.

The **DAS.4V...** does not have a signal wiring direction to be observed, as also the connection of the positive and negative polarities can be made either on the lower or the upper level.

APPROVALS



ACCESSORIES			
End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness (mm)	1.5	1.5
Cross connection	[1]	PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar	250 mm	PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTO (cod. BT007)	BTO (cod. BT007)
	Snap-fit TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw TH35	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)
	Screw G32		



Diagram 1

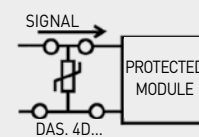


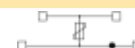
Diagram 2

- two and three level circuits with varistor
- with cross-connection possibility on lower level
- protection against overvoltage, transistor, pulse jamming



[1] See chapter accessories for more details

GREY VERSION	PART NUMBER TYPE	DSV120GR	DSV230GR
		DAS.4/V120/GR	DAS.4/V230/GR
BEIGE VERSION	PART NUMBER TYPE	DSV120	DSV230
		DAS.4/V120	DAS.4/V230



The **DAS.4V...** terminal blocks with varistor inserted as in **diagram 1**, limit voltage peaks due to surges, indirect atmospheric discharges and switching of inductive loads.

TECHNICAL CHARACTERISTICS

Function/type		two level circuits with varistor	two level circuits with varistor
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0.2-6	0.2-6
	Rigid	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	4-WP40/16	4-WP40/16
Rated voltage	(V)	120	230
Vdc max.	(V)	180	350
Vac max.	(V)	140	275
Breakdown voltage(1 mA)	(V)	220 ± 10%	430 ± 10%
Max clamping voltage	(V)	360	710
ISC pulse /20 µs	(A)	2500	2500
Capacity (1 kHz)	(nF)	370	195
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0.5 / 1.2	0.5 / 1.2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

The range of models available makes it possible to choose between nominal voltages suitable for protecting both signals and power supplies with standard voltages of 24 V DC, 48 V DC, or for power supply voltages of 120 V AC and 230 V AC.

The **DAS.4V...** connected as in **diagram 2** is an effective protection against differential mode interferences for industrial PLC, DCS, PC inputs and outputs, signal conditioners and sensors, and also for power supplies of electronic equipment in general.

The **DAS.4V...** does not have a signal wiring direction to be observed, as also the connection of the positive and negative polarities can be made either on the lower or the upper level.

APPROVALS



ACCESSORIES			
End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness (mm)	1.5	1.5
Cross connection	[1]	PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar	250 mm	PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



Diagram 1

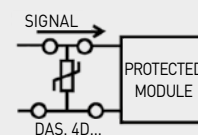


Diagram 2

- two level circuits
- possibility to perform cross-connections on both lower and upper levels (DAS.4/A and DAS.4/B; other versions only lower level)

(1) See chapter accessories for more details

(2) The voltage and the current ratings given for the various versions are based on the various type of components and to their connections

GREY VERSION	PART NUMBER	TYPE
	DS1116R	DAS.4/A/GR
	DS112GR	DAS.4/B/GR
BEIGE VERSION	PART NUMBER	TYPE
	DS111	DAS.4/A
	DS112	DAS.4/B

TECHNICAL CHARACTERISTICS

Function/type		protection against reversal of power supply polarity	protection against reversal of power supply polarity
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0,2 ÷ 6	0,2 ÷ 6
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630 [2]	630 [2]
	Current with rated cross-section	1	1
	Section	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	600	600
	Current with rated cross-section	20	20
	Section Min - Max	20 - 12	20 - 12
	Tightening torque	8.9	8.9
Rated impulse withstand voltage/pollution degree		- / 3	- / 3
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0,5 / 1,2	0,5 / 1,2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

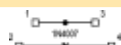
ACCESSORIES			
End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness	1.5	1.5
Cross connection		PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar		PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



DEMONSTRATIVE IMAGE



DEMONSTRATIVE IMAGE



- two level circuits
- possibility to perform cross-connections on both lower and upper levels (DAS.4/A and DAS.4/B; other versions only lower level)



(1) See chapter accessories for more details

(2) The voltage and the current ratings given for the various versions are based on the various type of components and to their connections

GREY VERSION	PART NUMBER	DS113GR	DS114GR
	TYPE	DAS.4/C/GR	DAS.4/D/GR
BEIGE VERSION	PART NUMBER	DS113	DS114
	TYPE	DAS.4/C	DAS.4/D

TECHNICAL CHARACTERISTICS

Function/type		block of extra current generated by solenoids as coils, relays, valves, supplied in DC.	block of extra current generated by solenoids as coils, relays, valves, supplied in DC.
Rated cross-section	(mm²)	4	4
Connecting capacity	Flexible	0,2 ÷ 6	0,2 ÷ 6
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630 [2]	630 [2]
	Current with rated cross-section	1	1
	Section	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	-	-
	Current with rated cross-section	-	-
	Section Min - Max	-	-
	Tightening torque	-	-
Rated impulse withstand voltage/pollution degree		- / 3	- / 3
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0,5 / 1,2	0,5 / 1,2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES			
End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness (mm)	1.5	1.5
Cross connection		PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar		PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- two level circuits
- possibility to perform cross-connections on both lower and upper levels (DAS.4/A and DAS.4/B; other versions only lower level)

(1) See chapter accessories for more details

(2) The voltage and the current ratings given for the various versions are based on the various type of components and to their connections

GREY VERSION	PART NUMBER	TYPE
	DS1156R	DAS.4/E/GR
	DS119GR	DAS.4/I/GR
BEIGE VERSION	PART NUMBER	TYPE
	DS115	DAS.4/E
	DS119	DAS.4/I

TECHNICAL CHARACTERISTICS

Function/type		For LAMP/LED test circuits	For LAMP/LED test circuits
Rated cross-section	(mm²)	4	4
Connecting capacity	Flexible	0,2 ÷ 6	0,2 ÷ 6
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	20÷30	630 [2]
	Current with rated cross-section	1	1
	Section	Caliber A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	-	-
	Current with rated cross-section	-	-
	Section Min - Max	-	-
	Tightening torque	-	-
Rated impulse withstand voltage/pollution degree		- / 3	- / 3
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0,5 / 1,2	0,5 / 1,2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness (mm)	1.5	1.5
Cross connection		PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar		PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



DEMONSTRATIVE IMAGE

DS1156R

DAS.4/E/GR



DEMONSTRATIVE IMAGE

DS119GR

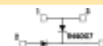
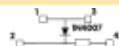
DAS.4/I/GR

DS115

DAS.4/E

DS119

DAS.4/I



- two level circuits
- possibility to perform cross-connections on both lower and upper levels (DAS.4/A and DAS.4/B; other versions only lower level)

(1) See chapter accessories for more details

(2) The voltage and the current ratings given for the various versions are based on the various type of components and to their connections

GREY VERSION	PART NUMBER	TYPE
	DS130GR	DAS.4/L/GR
	DS120GR	DAS.4/DD/GR
BEIGE VERSION	PART NUMBER	TYPE
	DS130	DAS.4/L
	DS120	DAS.4/DD

TECHNICAL CHARACTERISTICS

Function/type		For LAMP/LED test circuits	For LAMP/LED test circuits
Rated cross-section	(mm ²)	4	4
Connecting capacity	Flexible	0,2 ÷ 6	0,2 ÷ 6
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	630 [2]	630 [2]
	Current with rated cross-section	1	1
	Section	Caliber A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	-	-
	Current with rated cross-section	-	-
	Section Min - Max	-	-
	Tightening torque	-	-
Rated impulse withstand voltage/pollution degree		- / 3	- / 3
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0,5 / 1,2	0,5 / 1,2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness	1.5	1.5
Cross connection		PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar		PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



DEMONSTRATIVE IMAGE

DS130GR

DAS.4/L/GR



DEMONSTRATIVE IMAGE

DS120GR

DAS.4/DD/GR



- two level circuits
- possibility to perform cross-connections on both lower and upper levels (DAS.4/A and DAS.4/B; other versions only lower level)

(1) See chapter accessories for more details

(2) The voltage and the current ratings given for the various versions are based on the various type of components and to their connections

GREY VERSION	PART NUMBER	TYPE
	DS128GR	DAS.4/T/GR
	DS129GR	DAS.4/U/GR
BEIGE VERSION	PART NUMBER	TYPE
	DS128	DAS.4/T
	DS129	DAS.4/U



DEMONSTRATIVE IMAGE



DEMONSTRATIVE IMAGE

TECHNICAL CHARACTERISTICS

Function/type		voltage indicator	voltage indicator
Rated cross-section	(mm²)	4	4
Connecting capacity	Flexible	0,2 ÷ 6	0,2 ÷ 6
	Rigid	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule - ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	20÷30	20÷30
	Current with rated cross-section	1	1
	Section	Caliber A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	-	-
	Current with rated cross-section	-	-
	Section Min - Max	(AWG)	-
	Tightening torque	(lb.in)	-
Rated impulse withstand voltage/pollution degree		- / 3	- / 3
Insulation stripping length	(mm)	9	9
Tightening torque value (test / max)	(Nm)	0,5 / 1,2	0,5 / 1,2
Length	(mm)	64	64
Width	(mm)	6	6
Height mounted on TH35/7,5	(mm)	62	62
Height mounted on TH35/15	(mm)	70	70
Height mounted on G32	(mm)	66	66
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



ACCESSORIES

End section	Grey	DAS/PT/GR (cod. DS101GR)	DAS/PT/GR (cod. DS101GR)
	Beige	DAS/PT (cod. DS101)	DAS/PT (cod. DS101)
	Thickness (mm)	1.5	1.5
Cross connection		PM/.../... (cod. PM...)	PM/.../... (cod. PM...)
Switchable cross connection		POS/43 (cod. POS43)	POS/43 (cod. POS43)
Multiple common bar		PMP/58 (cod. PMP58)	PMP/58 (cod. PMP58)
Shunting screw and sleeve		CPM/01 (cod. CPM01)	CPM/01 (cod. CPM01)
Coloured partition	Red	DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Test plug socket		PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Numbering strip		-	-
Cover for cross-connections		PRP/5 (cod. PRP05)	PRP/5 (cod. PRP05)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
		BTU (cod. BT005)	BTU (cod. BT005)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- with flat push-on tab connections
- 6.3 x 0.8 mm flat push-on tab connections compliant with the IEC 61210 Standard

[1] See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE		
BEIGE VERSION	PART NUMBER TYPE	AF500	AF400
		AF0.2/1+1	AF0.2/2+2

TECHNICAL CHARACTERISTICS

Function/type		feed-through with push-on tab connections - separate levels	feed-through with push-on tab connections
Rated cross-section	(mm ²)	2.5	2.5
Connecting capacity	Flexible	up to 2.5	up to 2.5
	Rigid	-	-
	Max. flexible with ferrule - ferrule type	-	-
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	400	630
	Current with rated cross-section	20	20
	Section	Caliber	-
Electrical characteristics According to UL	Max AC/DC Voltage	300	600
	Current with rated cross-section	15	15
	Section Min - Max	-	-
	Tightening torque	-	-
Rated impulse withstand voltage/pollution degree		4 KV / 3	6 KV / 3
Insulation stripping length	(mm)	-	-
Tightening torque value (test / max)	(Nm)	-	-
Length	(mm)	44	44
Width	(mm)	6.5	6.5
Height mounted on TH35/7,5	(mm)	49	49
Height mounted on TH35/15	(mm)	57	57
Height mounted on G32	(mm)	52	52
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	-	-
	Beige	AF0/PT (cod. AF201)	AF0/PT (cod. AF201)
	Blue	-	-
	Thickness	(mm)	1.5
Cross connection	PTC version [1]	-	-
	PTP version [1]	-	-
	Rated current	(A)	-
Cross-connection identification strip	Green	-	-
Multiple common bar		-	-
Shunting screw and sleeve		-	-
Coloured partition	Red	DFU/1/R (cod. DU01R)	DFU/1/R (cod. DU01R)
Perforated barrier	Grey	-	-
	Beige	-	-
Cross connection barrier	Red	-	-
Cover for cable lugs		-	-
Flange		-	-
Test plug socket		-	-
Test plug		-	-
Numbering strip		-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- with flat push-on tab connections
- 6.3 x 0.8 mm flat push-on tab connections compliant with the IEC 61210 Standard



GREY VERSION	PART NUMBER TYPE	PF100GR	PDF.2/GR	FD100GR	FDP.2/GR	CV100GR	CVF.4/GR
BEIGE VERSION	PART NUMBER TYPE	PF100	PDF.2	FD100	FDP.2	CV100	CVF.4

TECHNICAL CHARACTERISTICS

Function/type			feed-through for push-on tab connections	feed-through for push-on tab connections	feed-through 1 screw and 3-push-on connections
Rated cross-section			(mm²) 2.5	2.5	4
Connecting capacity	Flexible	(mm²)	up to 2.5	up to 2.5	up to 2.5
	Rigid	(mm²)	-	-	-
	Max. flexible with ferrule - ferrule type	(mm²)	-	-	-
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	630	800	800
	Current with rated cross-section	[A]	20	20	20
	Section	Caliber	-	-	-
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	600	-
	Current with rated cross-section	[A]	16	16	20
	Section Min - Max	[AWG]	20-10	20-10	20-10
	Tightening torque	[lb.in]	-	-	-
Rated impulse withstand voltage/pollution degree			6 KV / 3	8 KV / 3	6 KV / 3
Insulation stripping length			(mm) -	-	11
Tightening torque value (test / max)			(Nm) -	-	0,5 / 1,2
Length			(mm) 57	65.5	48.5
Width			(mm) 6.5	6.5	6
Height mounted on TH35/7,5			(mm) 50	49	52
Height mounted on TH35/15			(mm) 58	57	60
Height mounted on G32			(mm) 54	53	56
Insulation material temperature index (EN 60216-1)			(°C) 130	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	PDF/PT/GR (cod. PF101GR)	FDP/PT/GR (cod. FD101GR)	CVF/PT/GR (cod. CV101GR)
	Beige	PDF/PT (cod. PF101)	FDP/PT (cod. FD101)	CVF/PT (cod. CV101)
	Blue	-	-	CVF/PT (Ex) (cod. CV201)
	Thickness (mm)	1.5	1.5	1.5
Cross connection	PTC version (1)	-	PH/2.5-4 (cod. PH100)	PM/.../... (cod. PM...)
	PTP version (1)	-	-	-
	Rated current [A]	-	-	-
Cross-connection identification strip	Green	-	-	-
Multiple common bar	-	-	-	PMP/58 (cod. PMP58)
Shunting screw and sleeve	-	-	-	CPM/12 (cod. CPM12)
Coloured partition	Red	DFU/5/R (cod. DU05R)	DFU/5/R (cod. DU05R)	DFU/3/R (cod. DU03R)
Perforated barrier	Grey	-	-	-
	Beige	-	-	-
Cross connection barrier	Red	-	-	-
Cover for cable lugs	-	-	-	-
Flange	-	-	-	-
Test plug socket	-	-	-	PSD/A (cod. PD001)
Test plug	-	-	-	SDD/1 (cod. DD001)
Numbering strip	-	-	-	CNU/8/61/S (cod. NU0861S)
Marking tag	-	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
	-	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

- for female connectors pitch 5.08 mm
- double possible insertion of the "Easy Bridge" multi-polar connection - PTC cross connection

[1] See chapter accessories for more details

For the isolation figures with cross connections refer to the table on page 131

GREY VERSION	PART NUMBER	VP300GR
	TYPE	VPC.2/GR
BLUE VERSION	PART NUMBER	VP310
	TYPE	VPC.2 (EX)I

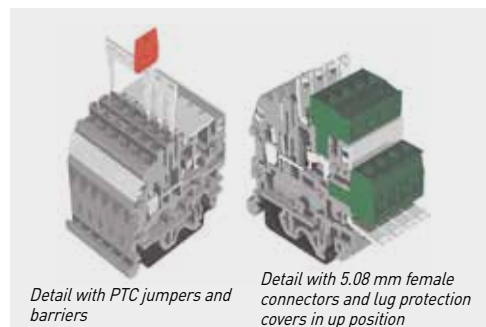
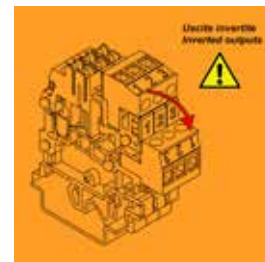
TECHNICAL CHARACTERISTICS

Function/type	1 screw connection and 2 pins or female connectors
Rated cross-section	(mm ²) 1.5
Connecting capacity	Flexible (mm ²) 0.2-4
	Rigid (mm ²) 0.2-4
	Max. flexible with ferrule - ferrule type (mm ²) 2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V) 320
	Current with rated cross-section (A) 12
	Section (Caliber) A3
Electrical characteristics According to UL	Max AC/DC Voltage (V) 600
	Current with rated cross-section (A) 15
	Section Min - Max (AWG) 20-14
	Tightening torque (lb.in) 5.5
Rated impulse withstand voltage/pollution degree	4 KV / 3
Insulation stripping length	(mm) 9
Tightening torque value (test / max)	(Nm) 0,4 / 0,8
Length	(mm) 44
Width	(mm) 5.08
Height mounted on TH35/7,5	(mm) 51
Height mounted on TH35/15	(mm) 59
Height mounted on G32	(mm) 55
Insulation material temperature index (EN 60216-1)	(°C) 130
Plastic material	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	VPC/PT/GR [cod. VP101GR]
	Beige	VPC/PT [cod. VP101]
	Blue	VPC/PT (Ex)i [cod. VP201]
	Thickness (mm)	3
Cross connection	PTC version [1]	PTC/2/... [cod. PTC02...]
	PTP version [1]	
	Rated current (A)	24
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)
Multiple common bar		-
Shunting screw and sleeve		-
Coloured partition	Red	DFU/5/R [cod. DU05R]
Perforated barrier	Grey	DF/VPC/GR [cod. DU02SGR]
	Beige	DF/VPC [cod. DU02S]
Cross connection barrier	Red	DFM/300 [cod. DF300]
Cover for cable lugs		VPC/VT [cod. VP102]
Flange		VPC/PTF [cod. VP303]
Test plug socket		-
Test plug		-
Numbering strip		-
Marking tag		CNU/8/51 [cod. NU0851S]
		CNU/10/61 [cod. NU1061S]
End bracket	Snap-fit TH35 and G32	BTU [cod. BT005]
	Snap-fit TH35	BTO [cod. BT007]
	Screw TH35	BT/3 [cod. BT003]
	Screw G32	BT/DIN/PO [cod. BT001]



5.08 mm pitch female connectors are available - 90°, with number of poles from 2 up to 16. The connector is easily inserted pressing it up to the stop position, guaranteeing optimal connection on the male contact. In this position the connector is hooked onto the insulating body with the holding tooth with which it is fitted.

VPC/F02	2 poles	Cat. No.	VP902
VPC/F03	3 poles	Cat. No.	VP903
VPC/F04	4 poles	Cat. No.	VP904
VPC/F05	5 poles	Cat. No.	VP905
VPC/F06	6 poles	Cat. No.	VP906
VPC/F07	7 poles	Cat. No.	VP907
VPC/F08	8 poles	Cat. No.	VP908
VPC/F09	9 poles	Cat. No.	VP909
VPC/F10	10 poles	Cat. No.	VP910
VPC/F11	11 poles	Cat. No.	VP911
VPC/F12	12 poles	Cat. No.	VP912
VPC/F13	13 poles	Cat. No.	VP913
VPC/F14	14 poles	Cat. No.	VP914
VPC/F15	15 poles	Cat. No.	VP915
VPC/F16	16 poles	Cat. No.	VP916



VPC/PTF
Flange for the securing of female connectors provided with locking screws onto the terminal board



DF/VPC
reduced pitch end section for the separation of different groups

For even more secure fixing of the connector it is possible to use connectors specifically fitted with locking screws on the side. In this case it is necessary to place a VPC/PTF (code VP303) flange alongside, to the right and left of the block of VPC.2 terminal blocks. If the set thus made up proposes a flange with external connection stalks it is necessary to add a VPC/PT terminal plate, or to eliminate the stalks themselves using a cutter. For reasons of safety the connectors must be handled only in the absence of load. Use of the barrier DF/VPC (code DU02S), for physical and/or visual separation of blocks of terminal blocks, does not affect the possibility of creating parallel cross connections. The terminal block can be supplied also in the version with a warning light (VPC/L024). In this case a collector bar (dimensions 7 x 1 x 250 mm), for the common return of a LED (red - 24V), must be inserted in the specific seat on the side of the insulating body of the group of terminal blocks side-by-side and connected via a power supply terminal block VPC.2 (Ex)i/D (code VP400). The power supply terminal block VPC.2 (Ex)i/D is a variant of the VPC.2(Ex)i terminal block equipped with a diode 1N4007. A transparent cover to protect the male shanks from accidental contacts is supplied as an accessory (VPC/VT code VP102) in a 10-pole stick, easily dividable to obtain the number of poles necessary. It snaps into the special seat provided on the insulating bar; the insertion point works as a fulcrum for the rotation of the protection from the closed position (position which is guaranteed by a stopper) to open (for inserting the connector). It is made of transparent material to ensure a view of both the connection type (closed pos.) and the LED, in open position and with the connector inserted.

- for female connectors pitch 5.08 mm
- double possible insertion of the "Easy Bridge" multi-polar connection - PTC cross connection
- Possibility of inserting the modular strip

[1] See chapter accessories for more details

For the isolation figures with cross connections refer to the table on page 131

GREY VERSION	PART NUMBER	VP300SGR
	TYPE	VPC.2/S/GR
BLUE VERSION	PART NUMBER	VP310S
	TYPE	VPC.2/S (EX)I

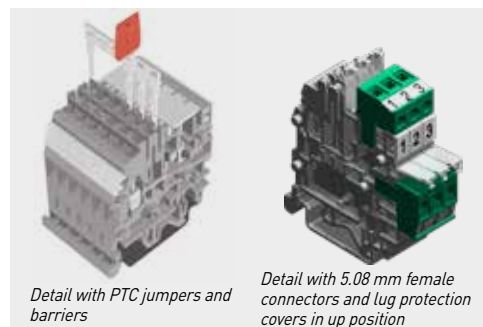
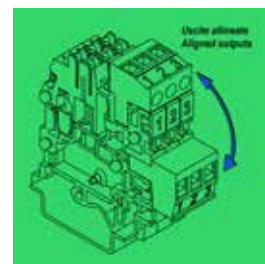
TECHNICAL CHARACTERISTICS

Function/type	1 screw connection and 2 pins or female connectors
Rated cross-section	(mm²) 1.5
Connecting capacity	Flexible (mm²) 0.2-4
	Rigid (mm²) 0.2-4
	Max. flexible with ferrule - ferrule type (mm²) 2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V) 320
	Current with rated cross-section (A) 12
	Section Caliber A3
Electrical characteristics According to UL	Max AC/DC Voltage (V) 600
	Current with rated cross-section (A) 15
	Section Min - Max (AWG) 20-14
	Tightening torque (lb.in) 5.5
Rated impulse withstand voltage/pollution degree	4 KV / 3
Insulation stripping length	(mm) 9
Tightening torque value (test / max)	(Nm) 0,4 / 0,8
Length	(mm) 44
Width	(mm) 5.08
Height mounted on TH35/7,5	(mm) 51
Height mounted on TH35/15	(mm) 59
Height mounted on G32	(mm) 55
Insulation material temperature index (EN 60216-1)	(°C) 130
Plastic material	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	VPC/PT/GR (cod. VP101GR)
	Beige	VPC/PT (cod. VP101)
	Blue	VPC/PT (Ex)i (cod. VP201)
	Thickness (mm)	3
Cross connection	PTC version [1]	PTC/2/... (cod. PTC02...)
	PTP version [1]	
	Rated current (A)	24
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)
Multiple common bar		-
Shunting screw and sleeve		-
Coloured partition	Red	DFU/5/R (cod. DU05R)
Perforated barrier	Grey	DF/VPC/GR (cod. DU02SGR)
	Beige	DF/VPC (cod. DU02S)
Cross connection barrier	Red	DFM/300 (cod. DF300)
Cover for cable lugs		VPC/VT (cod. VP102)
Flange		VPC/PTF (cod. VP303)
Test plug socket		-
Test plug		-
Numbering strip		-
Marking tag		CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)



5.08 mm pitch female connectors are available - 90°, with number of poles from 2 up to 16. The connector is easily inserted pressing it up to the stop position, guaranteeing optimal connection on the male contact. In this position the connector is hooked onto the insulating body with the holding tooth with which it is fitted.

VPC/F02	2 poles	Cat. No.	VP902
VPC/F03	3 poles	Cat. No.	VP903
VPC/F04	4 poles	Cat. No.	VP904
VPC/F05	5 poles	Cat. No.	VP905
VPC/F06	6 poles	Cat. No.	VP906
VPC/F07	7 poles	Cat. No.	VP907
VPC/F08	8 poles	Cat. No.	VP908
VPC/F09	9 poles	Cat. No.	VP909
VPC/F10	10 poles	Cat. No.	VP910
VPC/F11	11 poles	Cat. No.	VP911
VPC/F12	12 poles	Cat. No.	VP912
VPC/F13	13 poles	Cat. No.	VP913
VPC/F14	14 poles	Cat. No.	VP914
VPC/F15	15 poles	Cat. No.	VP915
VPC/F16	16 poles	Cat. No.	VP916

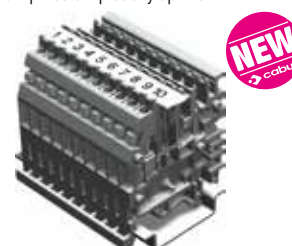


VPC/PTF
Flange for the securing of female connectors provided with locking screws onto the terminal board



DF/VPC
reduced pitch end section for the separation of different groups

For even more secure fixing of the connector it is possible to use connectors specifically fitted with locking screws on the side. In this case it is necessary to place a VPC/PTF (code VP303) flange alongside, to the right and left of the block of VPC.2 terminal blocks. If the set thus made up proposes a flange with external connection stalks it is necessary to add a VPC/PT terminal plate, or to eliminate the stalks themselves using a cutter. For reasons of safety the connectors must be handled only in the absence of load. Use of the barrier DF/VPC (code DU02S), for physical and/or visual separation of blocks of terminal blocks, does not affect the possibility of creating parallel cross connections. In order to protect male pins from accidental contact, it is supplied a transparent cover (p.n. VP102). The transparent cover is supplied in a ten-poles strip easily splitted.



Possibility of inserting modular strips (p.n. TMM81105AW, TMM81105AY, TMM81105W, TMM81105Y.)

- for female connectors pitch 5.08 mm – on 2 levels
- double possible insertion of the “Easy Bridge” multi-polar connection - PTC cross connection
- Possibility of inserting the modular strip



(1) See chapter accessories for more details

GREY VERSION	PART NUMBER	TYPE
	VP500GR	VPD.2/GR
BLUE VERSION	PART NUMBER	TYPE
	VP560	VPD.2 (EX)I

TECHNICAL CHARACTERISTICS

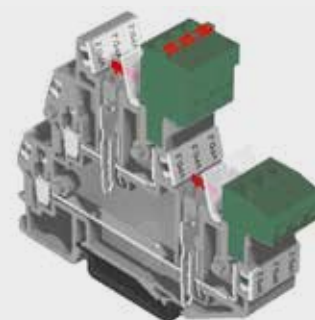
Function/type			2 level feed-through with 2 screw connections and 2 pins for connectors
Rated cross-section			(mm²) 1.5
Connecting capacity	Flexible	(mm²)	0.2–4
	Rigid	(mm²)	0.2–4
	Max. flexible with ferrule - ferrule type	(mm²)	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	320
	Current with rated cross-section	(A)	12
	Section	Caliber	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	300
	Current with rated cross-section	(A)	15
	Section Min - Max	(AWG)	26-12
	Tightening torque	(lb.in)	3.5
Rated impulse withstand voltage/pollution degree			4 kV / 3
Insulation stripping length			(mm) 9
Tightening torque value (test / max)			(Nm) 0,4 / 0,8
Length			(mm) 74
Width			(mm) 5.08
Height mounted on TH35/7,5			(mm) 64
Height mounted on TH35/15			(mm) 72
Height mounted on G32			(mm) -
Insulation material temperature index (EN 60216-1)			(°C) 130
Plastic material			Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	VPD/PT/GR (cod. VP501GR)
	Beige	VPD/PT (cod. VP501)
	Blue	VPD/PT (Ex)i (cod. VP561)
	Thickness (mm)	3
Cross connection	PTC version (1)	PTC/2/... (cod. PTC02...)
	PTP version (1)	
	Rated current (A)	24
Cross-connection identification strip	Green	PTC/SP (cod. PTC0990)
Multiple common bar		-
Shunting screw and sleeve		-
Coloured partition	Red	DFU/7/R (cod. DU07R)
Perforated barrier	Grey	-
	Beige	-
Cross connection barrier	Red	DFM/300 (cod. DF300)
Cover for cable lugs		VPD/VT (cod. VP502)
Flange		-
Test plug socket		-
Test plug		-
Numbering strip		-
Marking tag		CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)
	Screw G32	-

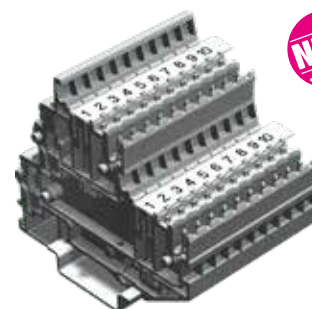
For the isolation figures with cross connections refer to the table on page 131



Detail with 5.08 mm female connectors inserted on the two levels, the lug protection covers raised and the PTCs inserted on the two levels.

5.08 mm pitch - 90° female connectors are available, with from 2 up to 16 poles. The connector is easily inserted pressing it up to the stop position, guaranteeing optimal connection on the male contact. In this position the connector is hooked onto the insulating body with the holding tooth, with which it is fitted.

VPC/F02	2 poles	Cat. No.	VP902
VPC/F03	3 poles	Cat. No.	VP903
VPC/F04	4 poles	Cat. No.	VP904
VPC/F05	5 poles	Cat. No.	VP905
VPC/F06	6 poles	Cat. No.	VP906
VPC/F07	7 poles	Cat. No.	VP907
VPC/F08	8 poles	Cat. No.	VP908
VPC/F09	9 poles	Cat. No.	VP909
VPC/F10	10 poles	Cat. No.	VP910
VPC/F11	11 poles	Cat. No.	VP911
VPC/F12	12 poles	Cat. No.	VP912
VPC/F13	13 poles	Cat. No.	VP913
VPC/F14	14 poles	Cat. No.	VP914
VPC/F15	15 poles	Cat. No.	VP915
VPC/F16	16 poles	Cat. No.	VP916



Possibility of inserting modular strips (p.n. TMM81105AW, TMM81105AY, TMM81105W, TMM81105Y)

- for thermocouple circuits



CESI 01 ATEX 090 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 09.0009U
Ex eb I Mb
Ex eb IIC Gb



BEIGE VERSION

PART NUMBER

TYPE

TC500

TC/PO

GREY VERSION

PART NUMBER

TYPE

TC500GR

TC/PO/GR

BLUE VERSION

PART NUMBER

TYPE

TC510

TC/PO [EX]I

TECHNICAL CHARACTERISTICS

Function/type			for thermocouple circuits
Rated cross-section			(mm ²)
Connecting capacity	Flexible	(mm ²)	-
	Rigid	(mm ²)	Ø 0.8-1.3 mm thermocouples
	Max. flexible with ferrule - ferrule type	(mm ²)	-
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	800
	Current with rated cross-section	(A)	-
	Section	Caliber	-
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600
	Current with rated cross-section	(A)	15
	Section Min - Max	(AWG)	20 - 14
Electrical characteristics According to ATEX directive and IEC ex standard	Tightening torque	(lb.in)	5.5
	Max AC/DC voltage with G32 rail / TH35 rail	(V)	400 / 630
	Current with rated cross-section	(A)	<1
Rated impulse withstand voltage/pollution degree			(°C)
Insulation stripping length			8 KV / 3
Tightening torque value (test / max)			13
Length			0,4 / 0,8
Width			(mm)
Height mounted on TH35/7,5			40.5
Height mounted on TH35/15			5.5
Height mounted on G32			47
Insulation material temperature index (EN 60216-1)			55
Plastic material			51
			130
			Polyamide UL94V-0



APPROVALS

ACCESSORIES

End section	Grey	CB2/PT (cod. CB111)
	Beige	CB2/PT/GR (cod. CB111GR)
	Blue	CB2/PT [Ex]i (cod. CBX13)
	Thickness (mm)	1.5
Coloured partition	Red	DFU/1/R (cod. DU01R)
Marking tag		CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)
	Screw G32	BT/DIN/PO (cod. BT001)



Terminal block suitable for connecting any type of conductor for thermocouple circuits. In fact it is possible, thanks to the excellent electrical contact that results from it, **to clamp thermocouples of any type without interposing any compensation material.**

Besides the management of a single article, this solution permits the reduction of the contact points in the overall circuit. The range of diameters of the conductors connectable, to make the connection in question fully effective and permanent, must be between 0.8 and 1.3 mm.

The thermocouple circuits, also of a different diameter, stripped of the insulating sleeve for a length of 20 mm, must be placed one on top of another in the terminal block so as to enable the direct passage of thermoelectric E.M.F. without going through a metal body, as happens in normal circuits.

With the double clamping, ensured by two screws and by the interposition of the pressure plate, the possibility of EMFs determined by the non-uniformity of the contacts is reduced almost to zero.



CESI 03 ATEX 073 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 11.0009U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details



GREY VERSION	PART NUMBER TYPE	RN300GR	RN.1/GR	RN500GR	RN.2/GR	RP300GR	RP.4/GR
BLUE VERSION	PART NUMBER TYPE	RN400	RN.1 (EX)I	RN510	RN.2 (EX)I	RP400	RP.4 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	(mm²)	1.5	2.5	4
Connecting capacity	Flexible	(mm²) 0.2-2.5	0.2-4	0.2-6
	Rigid	(mm²) 0.2-2.5	0.2-4	0.2-6
	Max. flexible with ferrule - ferrule type	(mm²) 1.5-WP15/14	2.5-WP25/14	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 500	500	630
	Current with rated cross-section	(A) 17.5	24	32
	Section	Caliber A1	A3	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600	600	600
	Current with rated cross-section	(A) 15	20	30
	Section Min - Max	(AWG) 26-14	20-12	20-12
	Tightening torque	(lb.in) 4.5	3.5	4.4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage with G32 rail / TH35 rail	(V) -	320	320
	Current with rated cross-section	(A) -	24	32
	Operating temperature	(°C) -	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3	6 KV / 3
Insulation stripping length	(mm)	8	8	9
Tightening torque value (test / max)	(Nm)	0.4 / 0.8	0.4 / 0.8	0.5 / 1.2
Length	(mm)	27	27	31
Width	(mm)	4.2	5	6
Height mounted on TH15 / 5.5	(mm)	32	32	35
Insulation material temperature index (EN 60216-1)	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	RFN/PT/GR [cod. RF101GR]	RFN/PT/GR [cod. RF101GR]	RP4/PT/GR [cod. RP301GR]
	Blue	RFN/PT [Ex]i [cod. RF201]	RFN/PT [Ex]i [cod. RF201]	RP4/PT [Ex]i [cod. RP401]
	Thickness	(mm) 1.5	1.5	1.5
Cross connection	(1)	PM/11/... [cod. PM11...]	PM/12/... [cod. PM12...]	PM/.../... [cod. PM...]
Multiple common bar	250mm	PMP/16 [cod. PMP16]	PMP/25 [cod. PMP25]	PMP/58 [cod. PMP58]
Shunting screw and sleeve (same, Ex e version)		CPM/16 [cod. CPM16]	CPM/16 [cod. CMP16] - CPX/16 [cod. CPX16]	CPM/01 [cod. CPM01] - CPX/01 [cod. CPX01]
Coloured partition	Red	DFP/2/R [cod. DFP2R]	DFP/2/R [cod. DFP2R]	DFP/2/R [cod. DFP2R]
Test plug socket		PSD/K [cod. PD011]	PSD/A [cod. PD001]	PSD/A [cod. PD001]
Test plug		SDD/1 [cod. DD001]	SDD/1 [cod. DD001]	SDD/1 [cod. DD001]
Numbering strip		SNZ/4 [cod. SN008]	CNU/8/51 [cod. NU0851S]	CNU/8/61 [cod. NU0861S]
Warning plate		TQM/02 [cod. TQM02]	-	-
Cover for cross-connection		PRP/5 [cod. PRP05]	PRP/5 [cod. PRP05]	PRP/5 [cod. PRP05]
Marking tag		Please Contact Cabur	CNU/8/51 [cod. NU0851S]	CNU/8/51 [cod. NU0851S]
End bracket	Screw TH15	BT/2 [cod. BT006]	BT/2 [cod. BT006]	BT/2 [cod. BT006]



CESI 03 ATEX 022 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 11.0004U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details



YELLOW/GREEN VERSION

PART NUMBER
TYPE

TR110

TR.2

TR200

TR.4

TECHNICAL CHARACTERISTICS

Function/type		ground	ground
Rated cross-section	(mm²)	2.5	4
Connecting capacity	Flexible	(mm²)	0.2-4
	Rigid	(mm²)	0.2-4
	Max. flexible with ferrule - ferrule type	(mm²)	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	(V)	-
	Current with rated cross-section	(A)	-
	Section	Caliber	A3
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	-
	Current with rated cross-section	(A)	-
	Section Min - Max	(AWG)	20-12
	Tightening torque	(lb.in)	3.5
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage with G32 rail / TH35 rail	(V)	-
	Current with rated cross-section	(A)	24
	Operating temperature	(°C)	-40 +110
Rated impulse withstand voltage/pollution degree		6 kV / 3	6 kV / 3
Insulation stripping length	(mm)	8	9
Tightening torque value (test / max)	(Nm)	0.4 / 0.8	0.5 / 1.2
Length	(mm)	32	35
Width	(mm)	5	7.3
Height mounted on TH15 / 5.5	(mm)	32	35
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0



APPROVALS

ACCESSORIES

End section	Grey	TR.2/PT (cod. TR111)	-
	Blue	-	-
	Thickness	(mm)	1.5
Cross connection	{1}	-	-
Multiple common bar	250mm	-	-
Shunting screw and sleeve (same, Ex e version)		-	-
Coloured partition	Red	DFP/2/R (cod. DFP2R)	DFP/2/R (cod. DFP2R)
Test plug socket		-	-
Test plug		-	-
Numbering strip		CNU/8/51 (cod. NU0851S)	-
Warning plate		-	-
Cover for cross-connection		-	-
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		CNU/10/61 (cod. NU1061S)	CNU/10/61 (cod. NU1061S)
End bracket	Screw TH15	BT/2 (cod. BT006)	BT/2 (cod. BT006)

- to be fixed directly on panel, by means of screws



CESI 03 ATEX 164 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 11.0008U
Ex eb I Mb
Ex eb IIC Gb

[1] when using BPL.4 and TPL.4 terminal blocks in Ex e classified installations, the use of the insulated fixing screw is required.



BEIGE VERSION		PART NUMBER	BP100	TP100	BP200
		TYPE	BPL.4	TPL.4	BPL/R
TECHNICAL CHARACTERISTICS					
Function/type			two-pole	three-pole	two-pole reduced pitch
Rated cross-section		(mm²)	4	4	4
Connecting capacity	Flexible	(mm²)	0.5-6	0.5-6	0.5-6
	Rigid	(mm²)	0.5-6	0.5-6	0.5-6
	Max. flexible with ferrule - ferrule type	(mm²)	4-WP40/16	4-WP40/16	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	500	500	500
	Current with rated cross-section	(A)	32	32	32
	Section	Caliber	A4	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	300	300	300
	Current with rated cross-section	(A)	20	20	20
	Section Min - Max	(AWG)	12-18	12-18	12-18
	Tightening torque	(lb.in)	4.4	4.4	4.4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage with G32 rail / TH35 rail	(V)	320	320	320
	Current with rated cross-section	(A)	32	32	32
	Operating temperature	(°C)	-40+110	-40+110	-40+110
Rated impulse withstand voltage/pollution degree			6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length		(mm)	9	9	9
Tightening torque value (test / max)		(Nm)	0.5 / 0.7	0.5 / 0.7	0.5 / 0.7
Width		(mm)	20	30	13
Length		(mm)	24	24	24
Height		(mm)	26	26	26
Fixing screws [1]			M3 (Ø head 5.6 mm max)	M3 (Ø head 5.6 mm max)	-
Insulation material temperature index (EN 60216-1)		(°C)	130	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



BPL.4, BPL/R and TPL.4 terminal blocks are designed for marking with p.n. NU0050 tags

(*) NOTE:

when using BPL.4 and TPL.4 terminal blocks in Ex e classified installations, the use of the insulated fixing screw is required.

- /PS versions have one screw connection and one flat plug feed-through shank (2.3x0.8 mm) usable also for welding
- to be fixed directly on panel, by means of screws



BEIGE VERSION		PART NUMBER	BP300	TP200
		TYPE	BPL.4/PS	TPL.4/PS
TECHNICAL CHARACTERISTICS				
Function/type			version with special connections (two-pole)	version with special connections (three-pole)
Rated cross-section		(mm ²)	4	4
Connecting capacity	Flexible	(mm ²)	0.5-6	0.5-6
	Rigid	(mm ²)	0.5-6	0.5-6
	Max. flexible with ferrule - ferrule type	(mm ²)	4-WP40/16	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	500	500
	Current with rated cross-section	(A)	32	32
	Section	Caliber	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	300	300
	Current with rated cross-section	(A)	20	20
	Section Min - Max	(AWG)	12-18	12-18
	Tightening torque	(lb.in)	4.4	4.4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage with G32 rail / TH35 rail	(V)	-	-
	Current with rated cross-section	(A)	-	-
	Operating temperature	(°C)	-	-
Rated impulse withstand voltage/pollution degree			6 KV / 3	6 KV / 3
Insulation stripping length		(mm)	9	9
Tightening torque value (test / max)		(Nm)	0.5 / 0.7	0.5 / 0.7
Width		(mm)	20	30
Length		(mm)	24	24
Height		(mm)	36	36
Fixing screws		[1]	M3 (Ø head 5.6 mm max)	M3 (Ø head 5.6 mm max)
Insulation material temperature index (EN 60216-1)		(°C)	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



Cod.BP310 - Versione con connessioni speciali (2poli) con codolo a sinistra

Cod TP210 - Versione con connessioni speciali (3 poli) con codolo a sinistra

Le morsettiere BPL.4, BPL/R e TPL.4 sono predisposte per la siglatura con i cartellini nominativi tipo NU0050

- with 6.3 x 0.8 mm flat push-on tab connections (2 for each pole)
- singular or overlapped mounting



BEIGE VERSION WITHOUT END PLATE

PART NUMBER
TYPE

CF100

CF.12/1+1

CF200

CF.12/2+2

BEIGE VERSION WITH END PLATE

PART NUMBER
TYPE

CF900

CF.12/CPT

TECHNICAL CHARACTERISTICS

Function/type		feed- through	feed- through
Rated cross-section	(mm²)	2.5	2.5
Electrical characteristics	Max AC/DC Voltage	500	500
According to European standard IEC EN 60947-7-1	Current with rated cross-section	20	20
Rated impulse withstand voltage/pollution degree		6 kV / 3	6 kV / 3
Length	(mm)	109	109
Width	(mm)	34	34
Height	(mm)	16.5	24
Fixing distance between centers		69.5	69.5
Insulation material temperature index (EN 60216-1)	(°C)	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS

ACCESSORIES			
Upper end section	of beige polyamide	CF/PT (cod. CF101)	-
Insulating bushing	of beige polyamide	CF/BI (cod. CF102)	CF/BI (cod. CF102)
Reduced bushing	made of polyamide	-	CF/BR (cod. CF201)

The **CF.12/1+1** terminal boards can be mounted singularly or one on top of another. In both cases the single terminal board or the terminal board located at the top of the group must be closed with the CF/PT end platelet (thickness 4 mm). Fixing to the panel beneath can be done using:

- screws of an adequate length (**spacing between holes 69.5 mm**)
- **M4 threaded tension rods**

To ensure the maximum insulation from earth and correct mounting of the stacked terminal boards it is necessary to insert the special bushings CF/BI in the holes on the body of the bases. Bushings between the terminal board and the end platelet are not required because the latter is already opportunely shaped.

The above end platelet bears in relief the numbering from 1 to 12 for easy identification of the poles.

The connection plugs, completely protected from the outside and with opportune barriers between them, are made of a copper-zinc alloy, with a high percentage of copper, galvanic anti-rust and anti-corrosive protection in nickel or, on request, in silver (**CF.12/1+1/AG** Code CFA10).

The **CF.12/2+2** terminal boards can be mounted singularly or one on top of another. Fixing to the panel beneath can be done using:

- screws of an adequate length (**spacing between holes 69.5 mm**)
- **M4 threaded stay bolts**

To ensure the maximum insulation from earth and correct mounting of the stacked terminal boards it is necessary to insert the special **bushings CF/BI** in the holes on the body of the bases. To enable better clamping of the **CF/DD nuts**, in the case of use of threaded stay bolts, it is opportune to insert in the holes of the upper terminal board the **reduced bushings CF.BR**.

The **CF.12/2+2** terminal boards bear, on both bases, in relief, the numbering from 1 to 12 for easy identification of the poles.

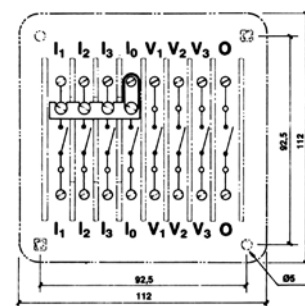
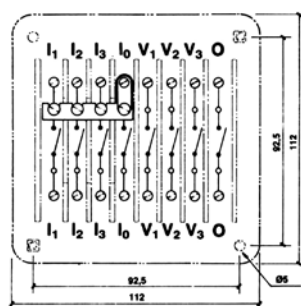
The connection plugs, completely protected from the outside and with opportune barriers between them, are made of a copper-zinc alloy, with a high percentage of copper, galvanic anti-rust and anti-corrosive protection in nickel or, on request, in silver (**CF.12/2+2/AG** Code CFA20).

Distribution Terminal Boards

- 8-poles, 4 ammetric and 4 voltmetric
- Insulating body: of green polycarbonate, filled with fibreglass.
- Conductor body: components of copper-zinc alloy with high percentage of copper and provided with nickel plating.
- Cover: black polyamide



GREEN VERSION		PART NUMBER	MZ300N	MZ300T
		TYPE	MS/8x10/N	MS/8x10/T
TECHNICAL CHARACTERISTICS				
Rated cross-section		(mm ²)	6	6
Connecting capacity	Flexible	(mm ²)	0.5-16	0.5-16
Test tightening torque		(Nm)	1.2	1.2
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	500	500
	Current with rated cross-section	(A)	41	41
Rated impulse withstand voltage/pollution degree			6 KV / 3	6 KV / 3
Width		(mm)	112	112
Length		(mm)	112	112
Height (with cover/including screws)		(mm)	52 / 65	52 / 65
Space between fixing holes		(mm)	92.5	92.5



- IP20 protection degree
- Marking possible with a CNU/8 or CNU/10 tag
- Available in grey, green and blue colors
- Self-extinguishing plastic material: UL94V-0
- Protected against accidental contact



For more details, refer to the data sheet

GREY VERSION	PART NUMBER TYPE	QBLOK7003 QBLOK.7/GR	QBLOK1203 QBLOK.12/GR
BLUE VERSION	PART NUMBER TYPE	QBLOK7001 QBLOK.7/BLU	QBLOK1201 QBLOK.12/BLU
GREEN VERSION	PART NUMBER TYPE	QBLOK7002 QBLOK.7/TE	QBLOK1202 QBLOK.12/TE

TECHNICAL CHARACTERISTICS

Function/Type		Screw Distribution terminal board	Screw Distribution terminal board
Number and rated cross connection	A (input)	7 x 10 mm ²	12 x 10 mm ²
	B (output)	-	-
	C (output)	-	-
	D (output)	-	-
Input A	Rated cross-section	7 x 10 mm ²	12 x 10 mm ²
	Connecting capacity (flexible)	1.5-10 mm ²	1.5-10 mm ²
	Connecting capacity (rigid)	1.5-16 mm ²	1.5-16 mm ²
	Connecting capacity (with ferrule)	10 mm ² - WP 100/21	10 mm ² - WP 100/21
	Supply bar dimension	-	-
Output B	Rated cross-section	-	-
	Connecting capacity (flexible)	-	-
	Connecting capacity (rigid)	-	-
	Connecting capacity (with ferrule)	-	-
Output C	Rated cross-section	-	-
	Connecting capacity (flexible)	-	-
	Connecting capacity (rigid)	-	-
	Connecting capacity (with ferrule)	-	-
Output D	Rated cross-section	-	-
	Connecting capacity (flexible)	-	-
	Connecting capacity (rigid)	-	-
	Connecting capacity (with ferrule)	-	-
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	500 V	500 V
	Current with rated cross-section	63 A	63 A
	Caliber	B5	B5
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	-	-
	Current with rated cross-section	-	-
	Section (min-max)	-	-
Tightening torque value (UL)		-	-
Corrente ammissibile di breve durata (I _{cw})		-	-
Corrente di picco (I _{cc})		-	-
Rated impulse withstand voltage / pollution degree		-	-
Insulation stripping length		6 mm	6 mm
Tightening torque value (nom. / max.)		2 / 2.5 Nm	2 / 2.5 Nm
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0
Width (pitch)		16 mm	16 mm
Length		53 mm	85 mm
Height mounted on TH35-7.5/TH35-15		33 / 41 mm	33 / 41 mm
Height for panel mounting		-	-
ACCESSORIES			
Marking	Single marking tag	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
	Marking tag		
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)
Mounting rail	DIN rail according to IEC 60715/TH35	-	-
	IEC 60715/TH35	PR/3/...	PR/3/...

APPROVALS AND MARKINGS



- Easy wiring thanks to an innovative design with a graduated brass body
- DIN rail and panel mountable, with dovetail joint for multiple connection
- Available enrties for wire or metal bar
- IP20 protection degree
- Captive tightening screw
- Self-extinguishing and halogen-free plastic housing



[1] For more details, refer to the data sheet

[2] Values referred to the A/B/C/D connections

GREY VERSION		PART NUMBER TYPE	QBLOK1P160 QBLOK1P160A6	QBLOK1P250 QBLOK1P250A10	QBLOK1P400 QBLOK1P400A10
TECHNICAL CHARACTERISTICS					
Function/Type		Distribution terminal board		Distribution terminal board	Distribution terminal board
Number and rated cross connection	A	1 x 70 mm²		1 x 120 mm²	1 x 185 mm²
	B	2 x 25 mm²		2 x 35 mm²	2 x 35 mm²
	C	3 x 16 mm²		3 x 25 mm²	3 x 25 mm²
	D	-		4 x 16 mm²	4 x 16 mm²
Input A	Rated cross-section	1 x 70 mm²		1 x 120 mm²	1 x 185 mm²
	Connecting capacity (flexible)	10-70 mm²		35-120 mm²	95-185 mm²
	Connecting capacity (rigid)	10-70 mm²		35-120 mm²	95-185 mm²
	Connecting capacity (with ferrule)	50 mm² - WP 350/40		95 mm²	150 mm²
	Supply bar dimension	15 x 5 mm		24 x 10 mm	24 x 10 mm
Output B	Rated cross-section	2 x 25 mm²		2 x 35 mm²	2 x 35 mm²
	Connecting capacity (flexible)	2.5-25 mm²		4-35 mm²	4-35 mm²
	Connecting capacity (rigid)	2.5-25 mm²		4-35 mm²	4-35 mm²
	Connecting capacity (with ferrule)	16 mm² (WP 160/22)		25 mm² (WP 250/29)	25 mm² (WP 250/29)
Output C	Rated cross-section	3 x 16 mm²		3 x 25 mm²	3 x 25 mm²
	Connecting capacity (flexible)	1.5-16 mm²		2.5-25 mm²	2.5-25 mm²
	Connecting capacity (rigid)	1.5-16 mm²		2.5-25 mm²	2.5-25 mm²
	Connecting capacity (with ferrule)	10 mm² (WP 100/21)		16 mm² (WP 160/22)	16 mm² (WP 160/22)
Output D	Rated cross-section	-		4 x 16 mm²	4 x 16 mm²
	Connecting capacity (flexible)	-		1.5-16 mm²	1.5-16 mm²
	Connecting capacity (rigid)	-		1.5-16 mm²	1.5-16 mm²
	Connecting capacity (with ferrule)	-		10 mm² (WP 100/21)	10 mm² (WP 100/21)
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	1000 Vac / 1000 Vdc		1000 Vac / 1000 Vdc	1000 Vac / 1000 Vdc
	Current with rated cross-section	192 A		269 A	353 A
	Caliber	-		-	-
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 Vac		600 Vac	600 Vac
	Current with rated cross-section	160 A		250 A	310 A
	Section (min-max)	(1)		(1)	(1)
	Tightening torque value (UL)	(1)		(1)	(1)
Short term current allowed (Icw) (value effective for 1s)		3 kA		14.4 kA	22.2 kA
Peak current (Ipk)		-		-	-
Rated impulse withstand voltage / pollution degree		8kV / 3		8kV / 3	8kV / 3
Insulation stripping length		17/12/12 mm [2]		27/18/12/12 mm [2]	27/18/12/12 mm [2]
Tightening torque value (nom. / max.)		10/3/-/- Nm [2]		19/6/3/3 Nm [2]	19/6/3/3 Nm [2]
Plastic material		Polyamide, polycarbonate		Polyamide, polycarbonate	Polyamide, polycarbonate
Width (pitch)		40 mm		51 mm	51 mm
Length		74.5 mm		95 mm	95 mm
Height mounted on TH35-7.5/TH35-15		52 / 60 mm		80 / 88 mm	80 / 88 mm
Height for panel mounting		50 mm		77 mm	77 mm
ACCESSORIES					
Marking	Single marking tag	-		-	-
	Marking tag	-		-	-
End bracket	TH35 screw type	BT/3 (cod. BT003)		BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)		BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	-		-	-
Mounting rail	DIN rail according to IEC 60715/TH35	-		-	-
	IEC 60715/TH35	PR/3/...		PR/3/...	PR/3/...

APPROVALS AND MARKINGS



- Suitable for DIN rail or panel mounting
- High number of connection points
- IPXXB protection degree according to IEC60529
- Compact dimension
- Captive tightening screw

[1] For more details, refer to the data sheet

[2] Values referred to the A/B/C/D connections



GREY VERSION		PART NUMBER TYPE	QBLOK1P080E QBLOK1P080A07E	QBLOK1P125E QBLOK1P125A08E	QBLOK1P160E QBLOK1P160A08E
TECHNICAL CHARACTERISTICS					
Function/Type			Distribution terminal board	Distribution terminal board	Distribution terminal board
Number and rated cross connection	A		1 x 16 mm ²	1 x 35 mm ²	1 x 70 mm ²
	B		2 x 16 mm ²	1 x 16 mm ²	1 x 16 mm ²
	C		4 x 6 mm ²	6 x 16 mm ²	6 x 16 mm ²
	D		-	-	-
Input A	Rated cross-section		1 x 16 mm ²	1 x 35 mm ²	1 x 70 mm ²
	Connecting capacity (flexible)		6-16 mm ²	10-35 mm ²	10-70 mm ²
	Connecting capacity (rigid)		6-16 mm ²	10-35 mm ²	10-70 mm ²
	Connecting capacity (with ferrule)		10 mm ²	25 mm ²	50 mm ²
	Supply bar dimension		-	-	-
Output B	Rated cross-section		2 x 16 mm ²	1 x 16 mm ²	1 x 16 mm ²
	Connecting capacity (flexible)		2.5 - 16 mm ²	6-16 mm ²	6-16 mm ²
	Connecting capacity (rigid)		2.5 - 16 mm ²	6-16 mm ²	6-16 mm ²
	Connecting capacity (with ferrule)		10 mm ²	10 mm ²	10 mm ²
Output C	Rated cross-section		4 x 6 mm ²	6 x 16 mm ²	6 x 16 mm ²
	Connecting capacity (flexible)		2.5-6 mm ²	2.5-16 mm ²	2.5-16 mm ²
	Connecting capacity (rigid)		2.5-6 mm ²	2.5-16 mm ²	2.5-16 mm ²
	Connecting capacity (with ferrule)		4 mm ²	10 mm ²	10 mm ²
Output D	Rated cross-section		-	-	-
	Connecting capacity (flexible)		-	-	-
	Connecting capacity (rigid)		-	-	-
	Connecting capacity (with ferrule)		-	-	-
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC		1000 Vac / 1000 Vdc	1000 Vac / 1000 Vdc	1000 Vac / 1000 Vdc
	Current with rated cross-section		80 A	125 A	160 A
	Caliber		-	-	-
Electrical characteristics according to UL Standard	Maximum voltage AC/DC		600 Vac / 600 Vdc	600 Vac / 600 Vdc	600 Vac / 600 Vdc
	Current with rated cross-section		85 A	150 A	200 A
	Section (min-max)		A: 16-4 / B: 16-4 / C: 16-8	A: 8-1/0 / B: 14-2 / C: 14-4	A: 8-3/0 / B: 14-2 / C: 14-4
	Tightening torque value (UL)		A: 19.5 / B: 19.5 / C: 10.6	A: 57.0 / B: 31.0 / C: 31.0	A: 75.0 / B: 31.0 / C: 31.0
Short term current allowed (Icw) (value effective for 1s)			3 kA	4.2 kA	11.8 kA
Peak current (Ipk)			22 kA	30 kA	30 kA
Rated impulse withstand voltage / pollution degree			4 kV / 3	4 kV / 3	4 kV / 3
Insulation stripping length			A: 17.0 / B: 17.0 / C: 10.2 mm	(1)	(1)
Tightening torque value (nom. / max.)			3,5/3,5/1,2/- Nm (2)	8,5/3,5/3,5/- Nm (2)	8,5/3,5/3,5/- Nm (2)
Plastic material			Polyamide, polycarbonate	Polyamide, polycarbonate	Polyamide, polycarbonate
Width (pitch)			27.2 mm	29 mm	29 mm
Length			65 mm	76 mm	76 mm
Height mounted on TH35-7.5/TH35-15			48 / 56 mm	48 / 56 mm	48 / 56 mm
Height for panel mounting			47 mm	47 mm	47 mm
ACCESSORIES					
Cross connection - 2 pole			-	QBLOK1PP (cod.QBLOK1PP)	QBLOK1PP (cod.QBLOK1PP)
Marking	Single marking tag		-	-	-
	Marking tag		-	-	-
End bracket	TH35 screw type		BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type		BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
Mounting rail	DIN rail according to IEC 60715/TH35		PR/3/..	PR/3/..	PR/3/..
	IEC 60715/TH35		-	-	-

APPROVALS AND MARKINGS



- 2 pole distribution boards
- DIN rail and panel mountable
- IPXXB according to IEC60525
- Offset holes to simplify cabling
- Zinc-plated steel screws with combined single-slot



[1] For more details, refer to the data sheet

[2] Values referred to the A/B/C/D connections

GREY VERSION		PART NUMBER TYPE	QBLOK1P250E QBLOK1P250A12E	QBLOK1P400E QBLOK1P400A12E	QBLOK1P500E QBLOK1P500A12E
TECHNICAL CHARACTERISTICS					
Function/Type		Distribution terminal board	Distribution terminal board	Distribution terminal board	
Number and rated cross connection	A	1 x 120 mm²	1 x 185 mm²	8x24x1 mm - 2x20x1 mm (busbar)	
	B	2 x 35 mm²	2 x 35 mm²	2 x 35 mm²	
	C	5 x 16 mm²	5 x 16 mm²	5 x 16 mm²	
	D	4 x 10 mm²	4 x 10 mm²	4 x 10 mm²	
Input A	Rated cross-section	1 x 120 mm²	1 x 185 mm²	–	
	Connecting capacity (flexible)	35-120 mm²	95-185 mm²	–	
	Connecting capacity (rigid)	35-120 mm²	95-185 mm²	–	
	Connecting capacity (with ferrule)	95 mm²	150 mm²	–	
	Supply bar dimension	–	–	8x24x1 mm - 2x20x1 mm	
Output B	Rated cross-section	2 x 35 mm²	2 x 35 mm²	2 x 35 mm²	
	Connecting capacity (flexible)	6-35 mm²	6-35 mm²	6-35 mm²	
	Connecting capacity (rigid)	6-35 mm²	6-35 mm²	6-35 mm²	
	Connecting capacity (with ferrule)	25 mm²	25 mm²	25 mm²	
Output C	Rated cross-section	5 x 16 mm²	5 x 16 mm²	5 x 16 mm²	
	Connecting capacity (flexible)	2.5-16 mm²	2.5-16 mm²	2.5-16 mm²	
	Connecting capacity (rigid)	2.5-16 mm²	2.5-16 mm²	2.5-16 mm²	
	Connecting capacity (with ferrule)	10 mm²	10 mm²	10 mm²	
Output D	Rated cross-section	4 x 10 mm²	4 x 10 mm²	4 x 10 mm²	
	Connecting capacity (flexible)	2.5-10 mm²	2.5-10 mm²	2.5-10 mm²	
	Connecting capacity (rigid)	2.5-10 mm²	2.5-10 mm²	2.5-10 mm²	
	Connecting capacity (with ferrule)	6 mm²	6 mm²	6 mm²	
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	1000 Vac / 1000 Vdc	1000 Vac / 1000 Vdc	1000 Vac / 1000 Vdc	
	Current with rated cross-section	250 A	400 A	500 A	
	Caliber	–	–	–	
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 Vac / 600 Vdc	600 Vac / 600 Vdc	600 Vac / 600 Vdc	
	Current with rated cross-section	255 A	335 A	335 A	
	Section (min-max)	A: 6-250kcmil / B: 10-1 / C: 14-4 / D: 14-6	A: 3/0-350kcmil / B: 16-2 / C: 16-2 / D: 16-2	A: - / B: 10-1 / C: 14-4 / D: 14-6	
	Tightening torque value (UL)	A: 168 / B: 39 / C: 24 / D: 24	A: 221.3 / B: 53.1 / C: 26.6 / D: 26.6	A: 120 / B: 39 / C: 24 / D: 24	
Short term current allowed (Icw) (value effective for 1s)		24.5 kA	24.5 kA	24.5 kA	
Peak current (Ipk)		51 kA	51 kA	51 kA	
Rated impulse withstand voltage / pollution degree		4 kV / 3	4 kV / 3	4 kV / 3	
Insulation stripping length		(1)	(1)	(1)	
Tightening torque value (nom. / max.)		19/4,4/2,7/2,7 Nm (2)	25/4,4/2,7/2,7 Nm (2)	13,5/4,4/2,7/2,7 Nm (2)	
Plastic material		Polyamide, polycarbonate	Polyamide, polycarbonate	Polyamide, polycarbonate	
Widht (pitch)		47 mm	47 mm	47 mm	
Length		96 mm	96 mm	95 mm	
Height mounted on TH35-7.5/TH35-15		51 / 59 mm	51 / 59 mm	51 / 59 mm	
Height for panel mounting		50 mm	50 mm	50 mm	
ACCESSORIES					
Marking	Single marking tag	–	–	–	
	Marking tag	–	–	–	
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)	
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)	
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)	
Mounting rail	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..	
	IEC 60715/TH35	–	–	–	

APPROVALS AND MARKINGS



- 2 pole distribution boards
- DIN rail and panel mountable
- Insulating plate for each conductor bar
- Offset holes to simplify cabling
- Zinc-plated steel screws with combined single-slot



For more details, refer to the data sheet

GREY VERSION		PART NUMBER TYPE	QBLOK2124 QBLOK2P125A7	QBLOK2125 QBLOK2P125A11	QBLOK2126 QBLOK2P125A15
TECHNICAL CHARACTERISTICS					
Function/Type			Distribution terminal board	Distribution terminal board	Distribution terminal board
Number and rated cross connection	A		2 x 35 mm ²	2 x 35 mm ²	2 x 35 mm ²
	B		5 x 6 mm ²	2 x 25mm ²	2 x 25 mm ²
	C		-	7 x 6 mm ²	11 x 6 mm ²
	D		-	-	-
Input A	Rated cross-section		2 x 35 mm ²	2 x 35 mm ²	2 x 35 mm ²
	Connecting capacity (flexible)		10-35 mm ²	10-35 mm ²	10-35 mm ²
	Connecting capacity (rigid)		10-35 mm ²	10-35 mm ²	10-35 mm ²
	Connecting capacity (with ferrule)		25 mm ² - WP 250/29	25 mm ² - WP 250/29	25 mm ² - WP 250/29
	Supply bar dimension		-	-	-
Output B	Rated cross-section		5 x 6 mm ²	2 x 25 mm ²	2 x 25 mm ²
	Connecting capacity (flexible)		2.5-6 mm ²	10-25 mm ²	10-25 mm ²
	Connecting capacity (rigid)		2.5-6 mm ²	10-25 mm ²	10-25 mm ²
	Connecting capacity (with ferrule)		4 mm ² - WP 40/16	16 mm ² (WP 160/22)	16 mm ² (WP 160/22)
Output C	Rated cross-section		-	7 x 6 mm ²	11 x 6 mm ²
	Connecting capacity (flexible)		-	2.5-6 mm ²	2.5-6 mm ²
	Connecting capacity (rigid)		-	2.5-6 mm ²	2.5-6 mm ²
	Connecting capacity (with ferrule)		-	4 mm ² (WP 40/16)	4 mm ² (WP 40/16)
Output D	Rated cross-section		-	-	-
	Connecting capacity (flexible)		-	-	-
	Connecting capacity (rigid)		-	-	-
	Connecting capacity (with ferrule)		-	-	-
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC		1000 V	1000 V	1000 V
	Current with rated cross-section		125 A	125 A	125 A
	Caliber		-	-	-
Electrical characteristics according to UL Standard	Maximum voltage AC/DC		-	-	-
	Current with rated cross-section		-	-	-
	Section (min-max)		-	-	-
	Tightening torque value (UL)		-	-	-
Short term current allowed (Icw) (value effective for 1s)			6 kA	4,2 kA	4,2 kA
Peak current (Ipk)			20 kA	19 kA	19 kA
Rated impulse withstand voltage / pollution degree			8kV / 3	8kV / 3	8kV / 3
Insulation stripping length			13 mm	13 mm	13 mm
Tightening torque value (nom. / max.)			2 / 2,5 Nm	2 / 2,5 Nm	2 / 2,5 Nm
Plastic material			Polyamide, polycarbonate	Polyamide, polycarbonate	Polyamide, polycarbonate
Width (pitch)			72 mm	109 mm	138 mm
Length			51 mm	51 mm	49 mm
Height mounted on TH35-7.5/TH35-15			52 / 60 mm	52 / 60 mm	52 / 60 mm
Height for panel mounting			51 mm	51 mm	51 mm
ACCESSORIES					
Marking	Single marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
	Marking tag		-	-	-
End bracket	TH35 screw type		BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type		BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
			-	-	-
Mounting rail	DIN rail according to IEC 60715/TH35		PR/3/...	PR/3/...	PR/3/...
	IEC 60715/TH35				

APPROVALS AND MARKINGS



- 4 pole distribution boards
- DIN rail and panel mountable
- Insulating plate for each conductor bar
- Offset holes to simplify cabling
- Zinc-plated steel screws with combined single-slot



For more details, refer to the data sheet

GREY VERSION		PART NUMBER TYPE	QBLOK4124 QBLOK4P100A7	QBLOK4125 QBLOK4P125A11	QBLOK4126 QBLOK4P125A15
TECHNICAL CHARACTERISTICS					
Function/Type		Distribution terminal board		Distribution terminal board	Distribution terminal board
Number and rated cross connection	A	2 x 35 mm²		2 x 35 mm²	2 x 35 mm²
	B	5 x 6 mm²		2 x 25 mm²	2 x 25 mm²
	C	–		7 x 6 mm²	11 x 6 mm²
	D	–		–	–
Input A	Rated cross-section	2x35 mm²		2 x 35 mm²	2 x 35 mm²
	Connecting capacity (flexible)	10-35 mm²		10-35 mm²	10-35 mm²
	Connecting capacity (rigid)	10-35 mm²		10-35 mm²	10-35 mm²
	Connecting capacity (with ferrule)	25 mm² – WP 250/29		25 mm² - WP 250/29	25 mm² - WP 250/29
	Supply bar dimension	–		–	–
Output B	Rated cross-section	5 x 6 mm²		2 x 25 mm²	2 x 25 mm²
	Connecting capacity (flexible)	2.5–6 mm²		10-25 mm²	10-25 mm²
	Connecting capacity (rigid)	2.5–6 mm²		10-25 mm²	10-25 mm²
	Connecting capacity (with ferrule)	4 mm² – WP 40/16		16 mm² [WP 160/22]	16 mm² [WP 160/22]
Output C	Rated cross-section	–		7 x 6 mm²	11 x 6 mm²
	Connecting capacity (flexible)	–		2.5–6 mm²	2.5–6 mm²
	Connecting capacity (rigid)	–		2.5–6 mm²	2.5–6 mm²
	Connecting capacity (with ferrule)	–		4 mm² [WP 40/16]	4 mm² [WP 40/16]
Output D	Rated cross-section	–		–	–
	Connecting capacity (flexible)	–		–	–
	Connecting capacity (rigid)	–		–	–
	Connecting capacity (with ferrule)	–		–	–
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	500 V		500 V	500 V
	Current with rated cross-section	125 A		125 A	125 A
	Caliber	–		–	–
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	–		–	–
	Current with rated cross-section	–		–	–
	Section (min-max)	–		–	–
	Tightening torque value (UL)	–		–	–
Short term current allowed (Icw) (value effective for 1s)		6 kA		4.2 kA	4.2 kA
Peak current (Ipk)		20 kA		19 kA	19 kA
Rated impulse withstand voltage / pollution degree		8kV / 3		8kV / 3	8kV / 3
Insulation stripping length		13 mm		13 mm	13 mm
Tightening torque value (nom. / max.)		2 / 2.5 Nm		2 / 2.5 Nm	2 / 2.5 Nm
Plastic material		Polyamide, polycarbonate		Polyamide, polycarbonate	Polyamide, polycarbonate
Width (pitch)		72 mm		108 mm	138 mm
Length		97 mm		97 mm	97 mm
Height mounted on TH35-7.5/TH35-15		52 / 60 mm		52 / 60 mm	52 / 60 mm
Height for panel mounting		51 mm		51 mm	51 mm
ACCESSORIES					
Marking	Single marking tag	CNU/8/51 (cod. NU0851S)		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
	Marking tag	–		–	–
End bracket	TH35 screw type	BT/3 (cod. BT003)		BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)		BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)		BTU (cod. BT005)	BTU (cod. BT005)
Mounting rail	DIN rail according to IEC 60715/TH35	–		–	–
	IEC 60715/TH35	PR/3/...		PR/3/...	PR/3/...

APPROVALS AND MARKINGS



- 4 pole distribution boards
- DIN rail and panel mountable
- Insulating plate for each conductor bar
- Offset holes to simplify cabling
- Zinc-plated steel screws with combined single-slot



For more details, refer to the data sheet

GREY VERSION		PART NUMBER TYPE	QBLOK4160S QBLOK4P160A9	QBLOK4161N QBLOK4P160A14
TECHNICAL CHARACTERISTICS				
Function/Type		Distribution terminal board		Distribution terminal board
Number and rated cross connection	A	1 x 50 mm ²	1 x 50 mm ²	1 x 50 mm ²
	B	2 x 35 mm ²	4 x 35 mm ²	4 x 35 mm ²
	C	6 x 16 mm ²	9 x 16 mm ²	9 x 16 mm ²
	D	-	-	-
Input A	Rated cross-section	1 x 50 mm ²	1 x 50 mm ²	1 x 50 mm ²
	Connecting capacity (flexible)	10-50 mm ²	10-50 mm ²	10-50 mm ²
	Connecting capacity (rigid)	10-50 mm ²	10-50 mm ²	10-50 mm ²
	Connecting capacity (with ferrule)	35 mm ² - WP 350/30	35 mm ² - WP 350/30	35 mm ² - WP 350/30
	Supply bar dimension	-	-	-
Output B	Rated cross-section	2 x 35 mm ²	4 x 35 mm ²	4 x 35 mm ²
	Connecting capacity (flexible)	10-35 mm ²	10-35 mm ²	10-35 mm ²
	Connecting capacity (rigid)	10-35 mm ²	10-35 mm ²	10-35 mm ²
	Connecting capacity (with ferrule)	25 mm ² (WP 250/29)	25 mm ² (WP 250/29)	25 mm ² (WP 250/29)
Output C	Rated cross-section	6 x 16 mm ²	9 x 16 mm ²	9 x 16 mm ²
	Connecting capacity (flexible)	2.5-16 mm ²	2.5-16 mm ²	2.5-16 mm ²
	Connecting capacity (rigid)	2.5-16 mm ²	2.5-16 mm ²	2.5-16 mm ²
	Connecting capacity (with ferrule)	16 mm ² (WP 160/22)	16 mm ² (WP 160/22)	16 mm ² (WP 160/22)
Output D	Rated cross-section	-	-	-
	Connecting capacity (flexible)	-	-	-
	Connecting capacity (rigid)	-	-	-
	Connecting capacity (with ferrule)	-	-	-
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	500 V	500 V	500 V
	Current with rated cross-section	160 A	160 A	160 A
	Caliber	-	-	-
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	-	-	-
	Current with rated cross-section	-	-	-
	Section (min-max)	-	-	-
	Tightening torque value (UL)	-	-	-
Short term current allowed (I _{cw}) (value effective for 1s)		6 kA	6 kA	6 kA
Peak current (I _{pk})		28 kA	28 kA	28 kA
Rated impulse withstand voltage / pollution degree		8kV / 3	8kV / 3	8kV / 3
Insulation stripping length		13 mm	13 mm	13 mm
Tightening torque value (nom. / max.)		2 / 2.5 Nm	2 / 2.5 Nm	2 / 2.5 Nm
Plastic material		Polyamide, polycarbonate	Polyamide, polycarbonate	Polyamide, polycarbonate
Width (pitch)		131 mm	181 mm	181 mm
Length		99 mm	99 mm	99 mm
Height mounted on TH35-7.5/TH35-15		54 / 62 mm	54 / 62 mm	54 / 62 mm
Height for panel mounting		53 mm	53 mm	53 mm
ACCESSORIES				
Marking	Single marking tag	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
	Marking tag	-	-	-
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
Mounting rail	DIN rail according to IEC 60715/TH35	-	-	-
	IEC 60715/TH35	PR/3/...	PR/3/...	PR/3/...

APPROVALS AND MARKINGS



- 4 pole distribution boards
- DIN rail and panel mountable
- Insulating plate for each conductor bar
- Offset holes to simplify cabling
- Zinc-plated steel screws with combined single-slot



For more details, refer to the data sheet

GREY VERSION		PART NUMBER TYPE	QBLOK4160U QBLOK4P160A9-U	QBLOK4161U QBLOK4P160A14-U
TECHNICAL CHARACTERISTICS				
Function/Type		Distribution terminal board		Distribution terminal board
Number and rated cross connection	A	1 x 50 mm ²	1 x 50 mm ²	
	B	2 x 35 mm ²	4 x 35 mm ²	
	C	6 x 16 mm ²	9 x 16 mm ²	
	D	-	-	
Input A	Rated cross-section	1 x 50 mm ²	1 x 50 mm ²	
	Connecting capacity (flexible)	10-50 mm ²	10-50 mm ²	
	Connecting capacity (rigid)	10-50 mm ²	10-50 mm ²	
	Connecting capacity (with ferrule)	35 mm ² - WP 350/30	35 mm ² - WP 350/30	
	Supply bar dimension	-	-	
Output B	Rated cross-section	2 x 35 mm ²	4 x 35 mm ²	
	Connecting capacity (flexible)	10-35 mm ²	10-35 mm ²	
	Connecting capacity (rigid)	10-35 mm ²	10-35 mm ²	
	Connecting capacity (with ferrule)	25 mm ² (WP 250/29)	25 mm ² (WP 250/29)	
Output C	Rated cross-section	6 x 16 mm ²	9 x 16 mm ²	
	Connecting capacity (flexible)	2.5-16 mm ²	2.5-16 mm ²	
	Connecting capacity (rigid)	2.5-16 mm ²	2.5-16 mm ²	
	Connecting capacity (with ferrule)	16 mm ² (WP 160/22)	16 mm ² (WP 160/22)	
Output D	Rated cross-section	-	-	
	Connecting capacity (flexible)	-	-	
	Connecting capacity (rigid)	-	-	
	Connecting capacity (with ferrule)	-	-	
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	500 V	500 V	
	Current with rated cross-section	160 A	160 A	
	Caliber	-	-	
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	-	-	
	Current with rated cross-section	-	-	
	Section (min-max)	-	-	
	Tightening torque value (UL)	-	-	
Short term current allowed (Icw) (value effective for 1s)		6 kA	6 kA	
Peak current (Ipk)		38 kA	38 kA	
Rated impulse withstand voltage / pollution degree		8kV / 3	8kV / 3	
Insulation stripping length		13 mm	13 mm	
Tightening torque value (nom. / max.)		2 / 2.5 Nm	2 / 2.5 Nm	
Plastic material		Polyamide, polycarbonate	Polyamide, polycarbonate	
Width (pitch)		131 mm	181 mm	
Length		99 mm	99 mm	
Height mounted on TH35-7.5/TH35-15		54 / 62 mm	54 / 62 mm	
Height for panel mounting		53 mm	53 mm	
ACCESSORIES				
Marking	Single marking tag	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	
	Marking tag	-	-	
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	
		-	-	
Mounting rail	DIN rail according to IEC 60715/TH35	PR/3/...	PR/3/...	
	IEC 60715/TH35			

APPROVALS AND MARKINGS



- DIN rail and panel mountable



For more details, refer to the data sheet

GREY VERSION		PART NUMBER	QPOL1203
		TYPE	POLM.1215
TECHNICAL CHARACTERISTICS			
Function/Type		Cage clamp distribution terminal board	
Number and rated cross connection	A	2 x 2.0 mm²	
	B	12 x 1.5 mm²	
	C	1 x 1.0 mm²	
	D	-	
Input A	Rated cross-section	2 x 2.0 mm²	
	Connecting capacity (flexible)	-	
	Connecting capacity (rigid)	-	
	Connecting capacity (with ferrule)	-	
	Supply bar dimension	-	
Output B	Rated cross-section	12 x 1.5 mm²	
	Connecting capacity (flexible)	-	
	Connecting capacity (rigid)	-	
	Connecting capacity (with ferrule)	-	
Output C	Rated cross-section	1 x 1.0 mm²	
	Connecting capacity (flexible)	-	
	Connecting capacity (rigid)	-	
	Connecting capacity (with ferrule)	-	
Output D	Rated cross-section	-	
	Connecting capacity (flexible)	-	
	Connecting capacity (rigid)	-	
	Connecting capacity (with ferrule)	-	
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	-	
	Current with rated cross-section	80 A	
	Caliber	-	
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	-	
	Current with rated cross-section	-	
	Section (min-max)	-	
	Tightening torque value (UL)	-	
Short term current allowed (I _{cw}) (value effective for 1s)		-	
Peak current (I _{pk})		-	
Rated impulse withstand voltage / pollution degree		-	
Insulation stripping length		-	
Tightening torque value (nom. / max.)		-	
Plastic material		Polyamide	
Width (pitch)		18 mm	
Length		90 mm	
Height mounted on TH35-7.5/TH35-15		42 / 50 mm	
Height for panel mounting		35 mm	
ACCESSORIES			
Marking	Single marking tag	-	
	Marking tag	-	
End bracket	TH35 screw type	BT/3 (cod. BT003)	
	TH35 snap-fit type	BTO (cod. BT007)	
	TH35 and G32 snap-fit type	BTU (cod. BT005)	
Mounting rail	DIN rail according to IEC 60715/TH35	-	
	IEC 60715/TH35	PR/3/...	

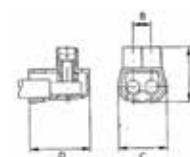
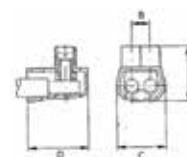
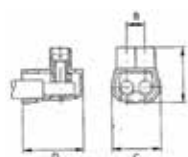
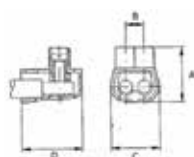
APPROVALS AND MARKINGS

- CONTC Series terminal blocks are mainly used inside of junction boxes and, from a physical point of view, can be seen as simple Kirchhoff's nodes.
- Transparent polycarbonate, self-extinguishing UL94-V0
- High mechanical and shock resistance also at low temperatures (-25 °C)
- Resistance to flames and to ignition according to IEC 695-2-1
- 850 °C in the incandescent wire test
- High dimensional stability
- Excellent resistance to creeping currents
- High dielectric strength
- Excellent resistance to chemical and atmospheric agents
- CW 614N Brass
- Galvanised steel screws or grub screws



VERSIONS	PART NUMBER TYPE	CONT206 CONT/2/06	CONT216 CONT/2/16	CONT225 CONT/2/25	CONT235 CONT/2/35
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TECHNICAL CHARACTERISTICS



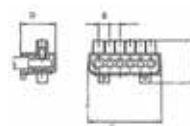
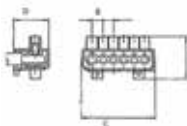
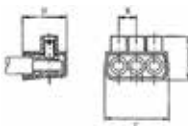
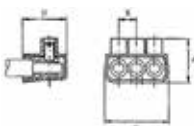
N°poles	2	2	2	2
Rated cross-section (mm ²)	6	16	25	35
Rated Voltage (V)	450	500	500	500
Rated current (A)	41	76	101	125
Insulation material temperature (°C)	130	130	130	130
Protection degree	IP20	IP20	IP20	IP20
Insulation stripping length (mm)	6÷13	8÷16	10÷20	12÷23
A (mm)	16	25	24.5	33
B (mm)	6	8	10	13
C (mm)	15	20	25	31.5
D (mm)	18	22.5	26	31

APPROVALS



VERSIONS	PART NUMBER TYPE	CONT306 CONT/3/6	CONT316 CONT/3/16	CONT606 CONT/6/6	CONT616 CONT/6/16
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TECHNICAL CHARACTERISTICS



N°poles	3	3	5	1	5	1
Rated cross-section (mm ²)	6	16	6	10	16	25
Rated Voltage (V)	450	450	450	450	500	500
Rated current (A)	41	76	41	41	76	76
Insulation material temperature (°C)	130	130	130	130	130	130
Protection degree	IP20	IP20	IP20	IP20	IP20	IP20
Insulation stripping length (mm)	8.5÷11	13÷17	13÷18	13÷18	16÷21	16÷21
A (mm)	15.25	22	22	22	25	25
B (mm)	5	9	7	6.5	10	9
C (mm)	19.5	32.5	46.5	46.5	62	62
D (mm)	14	22.25	22.5	22.5	25.25	25.25

APPROVALS



CONTC SERIES

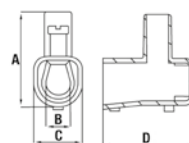
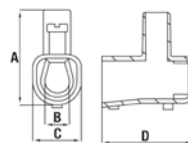
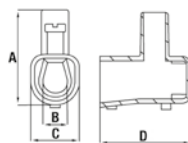
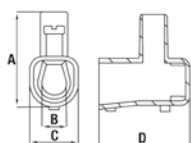
SINGLE TERMINAL BLOCKS FOR DERIVATION BOXES FROM 1.5 TO 35mm²

- CONTC Series terminal blocks are mainly used inside of junction boxes and, from a physical point of view, can be seen as simple Kirchhoff's nodes
- General characteristics
- High dielectric strength
- Resistance to tracking currents
- Screw-clamp
- Materials
- Products comply with the essential requirements of the BT Directive
- CW 614N Brass
- Zinc-plated screws and dowels
- Transparent polycarbonate



VERSIONS	PART NUMBER TYPE	CONTC01N CONT/1.5	CONTC02N CONT/2.5	CONTC04N CONT/4	CONTC06 CONT/6
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TECHNICAL CHARACTERISTICS



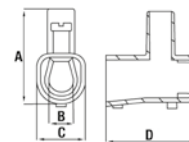
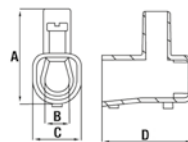
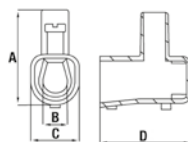
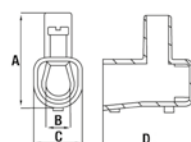
N°poles		10	10	10	10
Rated cross-section	(mm ²)	1.5	2.5	4	6
Rated Voltage	[V]	450	450	450	750
Rated current	[A]	17.5	24	32	41
Insulation material temperature	(°C)	130	130	130	130
Protection degree		IP20	IP20	IP20	IP20
A	(mm)	16	17.6	21	23
B	(mm)	3.3	3.7	4.5	5.6
C	(mm)	8.4	10	10.5	11.5
D	(mm)	15	17.6	21	22.5

APPROVALS



VERSIONS	PART NUMBER TYPE	CONTC10 CONT/10	CONTC16 CONT/16	CONTC25 CONT/25	CONTC35 CONT/35
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TECHNICAL CHARACTERISTICS



N°poles		10	10	1	1
Rated cross-section	(mm ²)	10	16	25	35
Rated Voltage	[V]	750	750	750	750
Rated current	[A]	57	76	101	125
Insulation material temperature	(°C)	130	130	130	130
Protection degree		IP20	IP20	IP20	IP20
A	(mm)	28	33	39	46
B	(mm)	7.5	9.5	12	14
C	(mm)	14.6	19.7	22	25
D	(mm)	26	31	38	44

APPROVALS



GENERAL CHARACTERISTICS

- Maximum withstand temperature: 80 °C
- Neutral colour

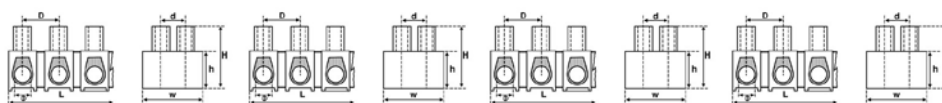
MATERIALS

- Brass
- PA6 Polyamides
- Zinc-plated steel screws



VERSIONS	PART NUMBER TYPE	CAMUT02	CAMUT04	CAMUT06	CAMUT10
		CAMUT.12/02	CAMUT.12/04	CAMUT.12/06	CAMUT.12/10

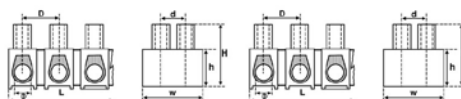
TECHNICAL CHARACTERISTICS



Rated current	[A]	24	32	57	61
Rated Voltage	[V]	380	380	400	400
Cross section	[mm²]	2.5	4.0	6.0	10.0
Gauge		A3	A3	A4	A5
DIMENSIONS					
L	(mm)	93.0	117.0	132.0	141.0
W	(mm)	17.0	19.0	21.0	23.0
Ø	(mm)	2.8	3.3	4.2	4.5
D	(mm)	8.0	9.8	11.0	11.7
d	(mm)	6.0	6.5	7.8	8.5
H	(mm)	13.7	15.9	16.8	19.0
h	(mm)	8.0	9.0	10.0	10.8

VERSIONS	PART NUMBER TYPE	CAMUT16	CAMUT25
		CAMUT.12/16	CAMUT.12/25

TECHNICAL CHARACTERISTICS



Rated current	[A]	76	101
Rated Voltage	[V]	400	400
Cross section	[mm²]	16.0	25.0
Gauge		B6	B6
DIMENSIONS			
L	(mm)	168.0	191.0
W	(mm)	26.0	29.7
Ø	(mm)	5.5	6.6
D	(mm)	14.5	16.5
d	(mm)	9.5	11.0
H	(mm)	20.4	25.9
h	(mm)	12.0	15.5

- Compact dimension
- Screwdriver is not required, thanks to the integrated lever
- Transparent body



Protection degree IP20

VERSIONS	PART NUMBER TYPE	UC02	UC03	UC05
		UC02	UC03	UC05

TECHNICAL CHARACTERISTICS

Function/Type		Branch terminal	Branch terminal	Branch terminal
Rated cross-section		4 mm ²	4 mm ²	4 mm ²
Connecting capacity		–	–	–
Number of conductors		2	3	5
Flexible wire		0.34-4 mm ²	0.34-4 mm ²	0.34-4 mm ²
Rigid wire		0.2-4 mm ²	0.2-4 mm ²	0.2-4 mm ²
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	450 V	450 V	450 V
	Current with rated cross-section	32 A	32 A	32 A
	Caliber	–	–	–
Protection degree		IP20	IP20	IP20
Insulation stripping length		11 mm	11 mm	11 mm
Dimensions (L x W x H)		13x21x11 mm	19x21x11 mm	30x21x11 mm
Insulation material temperature index (EN 60216-1)		85 °C	85 °C	85 °C
Plastic material		Polycarbonate UL94V-0	Polycarbonate UL94V-0	Polycarbonate UL94V-0

APPROVALS AND MARKINGS



VERSIONS	PART NUMBER TYPE	UC02M	UC03M	UC05M
		UC02M	UC03M	UC05M

TECHNICAL CHARACTERISTICS

Function/Type		Branch terminal	Branch terminal	Branch terminal
Rated cross-section		2.5 mm ²	2.5 mm ²	2.5 mm ²
Connecting capacity		–	–	–
Number of conductors		2	3	5
Flexible wire		0.34-2.5 mm ²	0.34-2.5 mm ²	0.34-2.5 mm ²
Rigid wire		0.2-2.5 mm ²	0.2-2.5 mm ²	0.2-2.5 mm ²
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	450 V	450 V	450 V
	Current with rated cross-section	24 A	24 A	24 A
	Caliber	–	–	–
Protection degree		IP20	IP20	IP20
Insulation stripping length		11 mm	11 mm	11 mm
Dimensions (L x W x H)		11x17x9 mm	15.5x17x9 mm	24.5x17x9 mm
Insulation material temperature index (EN 60216-1)		85 °C	85 °C	85 °C
Plastic material		Polycarbonate UL94V-0	Polycarbonate UL94V-0	Polycarbonate UL94V-0

APPROVALS AND MARKINGS

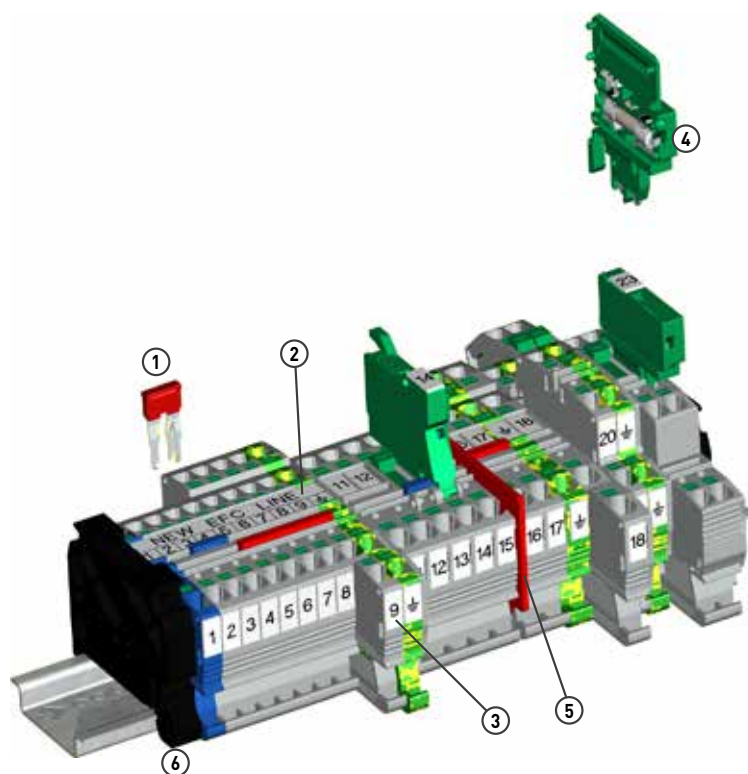


VERSIONS	PART NUMBER TYPE	UCKIT01M	UCKIT01
		UCKIT01M	UCKIT01

TECHNICAL CHARACTERISTICS

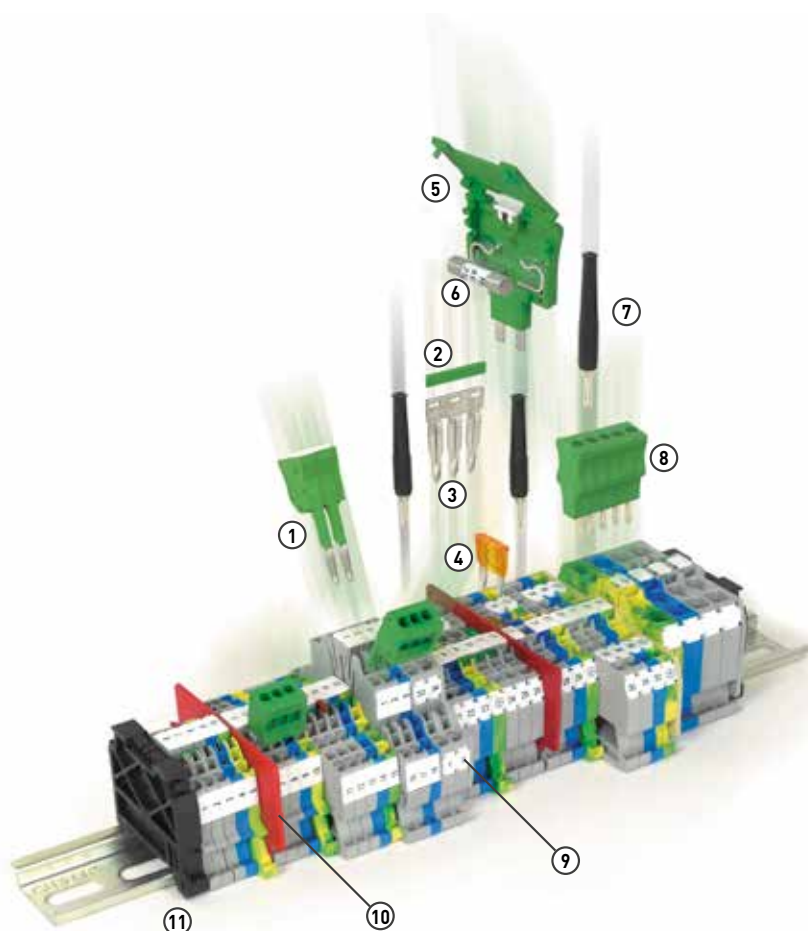
Function/Type		Branch terminal	Branch terminal
Rated cross-section		2.5 mm ²	4 mm ²
Pack content	2 poles spring clamp	35 UCM02	30 UC02
	3 poles spring clamp	30 UCM02	30 UC03
	2 poles spring clamp	25 UCM05	20 UC05

Accessories



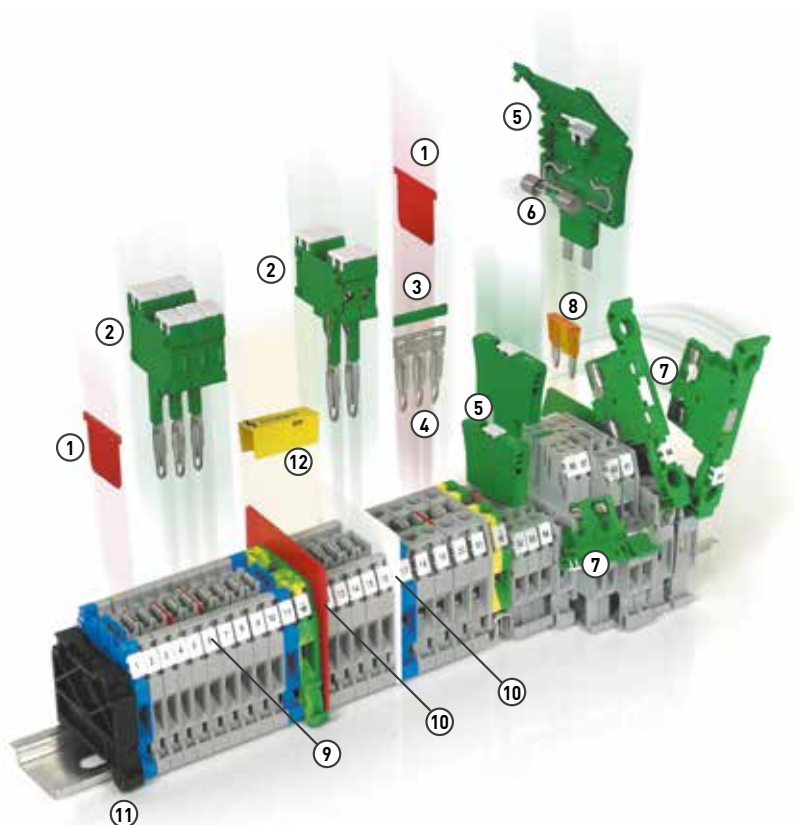
EFC SERIES

- 1 EFB Cross-connection
- 2 Adhesive numbering strip
- 3 Marking tag
- 4 CPFE component holder
- 5 DFE coloured partition
- 6 End bracket



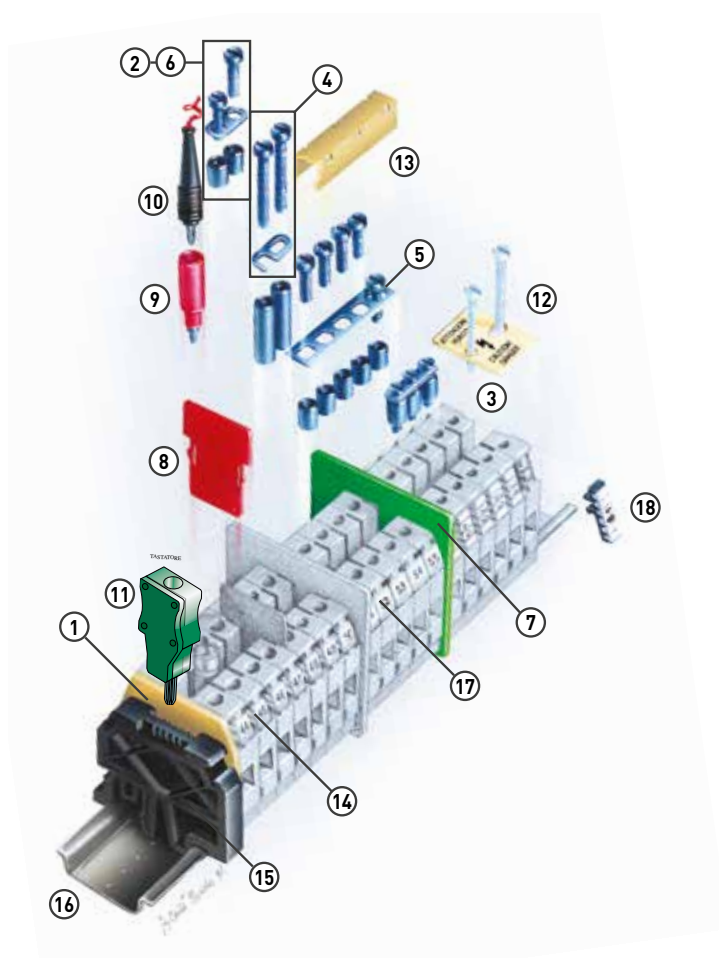
HMM SERIES

- 1 Modular test plug / connector
- 2 Cross-connection identification strip
- 3 PTC Cross-connection
- 4 Blade fuse
- 5 CPF/5 component-holder cartridge (fuse / resistor / diode)
- 6 5 X 20 mm fuse
- 7 Test plug
- 8 Modular Test plug
- 9 Marking tag
- 10 Barrier
- 11 End bracket



CBC SERIES

- 1 Cross-connection barrier
- 2 Modular test plug
- 3 Cross-connection identification strip
- 4 Easy Bridge cross-connection PTC
- 5 CPF/5 component-holder cartridge (fuse / resistor / diode)
- 6 5 X 20 mm fuse
- 7 Conducting element
- 8 Blade fuseTest plug
- 9 Marking tag
- 10 Coloured partition
- 11 End bracket
- 12 Warning plate



CBD SERIES

- 1 End section
- 2 Permanent cross connection
- 3 Pre-assembled cross connection
- 4 Switchable cross connection
- 5 Multiple cross connection
- 6 Shunting screw and sleeve
- 7 Coloured partition
- 8 Cross connection barrier
- 9 Test plug socket
- 10 Test plug
- 11 Modular test plug
- 12 Warning plate
- 13 Cross connection cover
- 14 Marking tag
- 15 End bracket
- 16 Mounting rail
- 17 Numbering strip
- 18 Tag adapter

PUSH-IN TERMINAL BLOCK	END SECTION	
	TYPE	PART NUMBER
EFC.1/GR	EFC.1/PT/GR	EFC101GR
EFC.1/1+2/GR	EFC.1/1+2/PT/GR	EFC111GR
EFC.1/2+2/GR	EFC.1/2+2/PT/GR	EFC121GR
EFC.2/GR	EFC.2/PT/GR	EFC201GR
EFC.2/1+2/GR	EFC.2/1+2/PT/GR	EFC211GR
EFC.2/2+2/GR	EFC.2/2+2/PT/GR	EFC221GR
EFCE.1	EFC.1/PT/GR	EFC101GR
EFCE.1/1+2	EFC.1/1+2/PT/GR	EFC111GR
EFCE.1/2+2	EFC.1/2+2/PT/GR	EFC121GR
EFCE.2	EFC.2/PT/GR	EFC201GR
EFCE.2/1+2	EFC.2/1+2/PT/GR	EFC211GR
EFCE.2/2+2	EFC.2/2+2/PT/GR	EFC221GR
EFC.4/GR	EFC.4/PT/GR	EFC401GR
EFC.4/1+2/GR	EFC.4/1+2/PT/GR	EFC411GR
EFC.4/2+2/GR	EFC.4/2+2/PT/GR	EFC421GR
EFCE.4	EFC.4/PT/GR	EFC401GR
EFCE.4/1+2	EFC.4/1+2/PT/GR	EFC411GR
EFCE.4/2+2	EFC.4/2+2/PT/GR	EFC421GR
EFD.1/GR	EFD.1/PT/GR	EFD101GR
EFD.1/CI/GR	EFD.1/PT/GR	EFD101GR
EFD.1/E/GR	EFD.1/PT/GR	EFD101GR
EFD.2/GR	EFD.2/PT/GR	EFD201GR
EFD.2/CI/GR	EFD.2/PT/GR	EFD201GR
EFD.2/E/GR	EFD.2/PT/GR	EFD201GR
EFD.4/GR	EFD.4/PT/GR	EFD401GR
EFD.4/CI/GR	EFD.4/PT/GR	EFD401GR
EFD.4/E/GR	EFD.4/PT/GR	EFD401GR
EFDE.2	EFD.2/PT/GR	EFD201GR
EFDE.4	EFD.4/PT/GR	EFD401GR
EFF.4/GR	EFC.4/PT/GR	EFC401GR
EFF.4/C48/GR	EFC.4/PT/GR	EFC401GR
EFF.4/C230/GR	EFC.4/PT/GR	EFC401GR
EFS.2/GR	EFC.2/PT/GR	EFC201GR
EFS.4/GR	EFC.4/PT/GR	EFC401GR
EFT.2/GR	EFT.2/PT/GR	EFT201GR
EFT.2	EFT.2/PT/GR	EFT201GR
EFT.2/S/GR	EFT.2/S/PT/GR	EFT251GR
EFDS.2/GR	EFDS.2/PT/GR	EFDS201GR
EFDS.2/1S/GR	EFDS.2/PT/GR	EFDS201GR
EFDS.2/P/GR	EFDS.2/PT/GR	EFDS201GR
EFC.2/BL	EFC.2/PT/BL	EFC201BL
EFC.2/1+2/BL	EFC.2/1+2/PT/BL	EFC211BL
EFC.2/2+2/BL	EFC.2/2+2/PT/BL	EFC221BL
EFCE.2	EFC.2/PT/BL	EFC201BL
EFCE.2/1+2	EFC.2/1+2/PT/BL	EFC211BL
EFCE.2/2+2	EFC.2/2+2/PT/BL	EFC221BL
EFC.4/BL	EFC.4/PT/BL	EFC401BL
EFC.4/1+2/BL	EFC.4/1+2/PT/BL	EFC411BL
EFC.4/2+2/BL	EFC.4/2+2/PT/BL	EFC421BL
EFCE.4	EFC.4/PT/BL	EFC401BL
EFCE.4/1+2	EFC.4/1+2/PT/BL	EFC411BL
EFCE.4/2+2	EFC.4/2+2/PT/BL	EFC421BL
EFD.2/BL	EFD.2/PT/BL	EFD201BL
EFD.2/CI/BL	EFD.2/PT/BL	EFD201BL
EFD.2/E/GR	EFD.2/PT/BL	EFD201BL
EFD.4/BL	EFD.4/PT/BL	EFD401BL
EFD.4/1+2/BL	EFD.4/PT/BL	EFD401BL
EFD.4/E/GR	EFD.4/PT/BL	EFD401BL
EFDE.2	EFD.2/PT/BL	EFD201BL
EFDE.4	EFD.4/PT/BL	EFD401BL
EFF.4/BL	EFC.4/PT/BL	EFC401BL
EFF.4/C48/GR	EFC.4/PT/BL	EFC401BL
EFF.4/C230/GR	EFC.4/PT/BL	EFC401BL
EFS.2/BL	EFC.2/PT/BL	EFC201BL
EFS.4/BL	EFC.4/PT/BL	EFC401BL
EFT.2/BL	EFT.2/PT/BL	EFT201BL

SPRING CLAMP TERMINAL BLOCK	END SECTION	
	TYPE	PART NUMBER
HCD.1/GR	HCD.1/PT/GR	HC201GR
HDE.2/GR	HLD.2PT/GR	HL201GR
HFR.4/GR	HFR.4/PT/GR	HF211GR
HFR.4/M/GR	HFR.4/PT/GR	HF211GR
HLD.2/GR	HLD.2/PT/GR	HL201GR
HMD.2/GR	HMD/PT/GR	HD101GR
HMF.4/GR	HMF/RT/GR	HF111GR
HSCB.4/GR	HSCB.4/PT/GR	HB101GR
HSCB.6/GR	HSCB.6/PT/GR	HB201GR
HMM.2/GR	HMT.2/PT/GR	HM501GR
HMM.2/1+2/GR	HMT.2/1+2/PT/GR	HM511GR

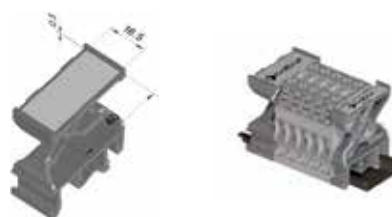
SPRING CLAMP TERMINAL BLOCK	END SECTION	
	TYPE	PART NUMBER
HMM.2/2+2/GR	HMT.2/2+2/PT/GR	HM521GR
HMM.2/2+2/S/GR	HMT.2/2+2/PT/GR	HM521GR
HMM.4/GR	HMT.4/PT/GR	HM251GR
HMM.1/GR	HMT.1/PT/GR	HM401GR
HMM.1/1+2/GR	HMT.1/1+2/PT	HM411GR
HMM.1/2+2/GR	HMT.1/2+2/PT	HM421GR
HMD.1/GR	HMD.1/PT/GR	HD201GR
HMD.2N/GR	HMD.1/PT/GR	HD201GR
HMM.6/GR	HMT.6/PT/GR	HM321GR
HMS.2/GR	HMT.2/2+2/PT/GR	HM521GR
HMFA.2/GR	HMT.2/1+2/PT/GR	HM511GR
HP.2/GR	HPV/PT/GR	HV111GR
HPC.2/GR	HPV/PT/GR	HV111GR
HPP.2/GR	HP/PT/GR	HI101GR
HTE.2	HMT.2/PT	HM501GR
HTE.2/1+2	HMT.2/1+2/PT	HM511GR
HTE.2/2+2	HMT.2/2+2/PT	HM521GR
HTE.4	HMT.4/PT/GR	HM251GR
HTE.6	HMT.6/PT/GR	HM321GR
HTE.1	HMT.1/PT/GR	HM401GR
HTE.1/1+2	HMT.1/1+2/PT	HM411GR
HTE.1/2+2	HMT.1/2+2/PT	HM421GR
HTTE.2	HLD.2PT/GR	HL201GR
HMD.1[Ex]i	HMD.1/PT[Ex]i	HD301
HMD.2N[Ex]i	HMD.1/PT[Ex]i	HD301
HMM.1[Ex]i	HMT.1/PT[Ex]i	HI401
HMM.1/1+2[Ex]i	HMT.1/1+2/PT[Ex]i	HI411
HMM.1/2+2[Ex]i	HMT.1/2+2/PT[Ex]i	HI421
HMM.2[Ex]i	HMT.2/PT[Ex]i	HI501
HMM.2/1+2[Ex]i	HMT.2/1+2/PT[Ex]i	HI511
HMM.2/2+2[Ex]i	HMT.2/2+2/PT[Ex]i	HI521
HMM.4[Ex]i	HMT.4/PT[Ex]i	HI251
HMM.4[Ex]i	HMT.6/PT[Ex]i	HI321

SCREW CLAMP TERMINAL BLOCK	END SECTION	
	TYPE	PART NUMBER
AF0.2/1+1	AF0/PT	AF201
AF0.2/2+2	AF0/PT	AF201
CBC.2/GR	CBC.2-10/PT/GR	CB061GR
CBC.4/GR	CBC.2-10/PT/GR	CB061GR
CBC.6/GR	CBC.2-10/PT/GR	CB061GR
CBC.10/GR	CBC.2-10/PT/GR	CB061GR
CBC.16/GR	CBC.16/PT/GR	CB161GR
CBC.35/GR	CBC.35/PT/GR	CB351GR
CB0.2	CB2/PT	CB111
CB0.4	CB4/6/PT	CB241
CB0.6	CB4/6/PT	CB241
CB0.10	CB10/PT	CB431
CB0.16	CB16/PT	CB511
CB0.35	CB35/PT	CB611
CB0.50	CB50/PT	CB711
CB0.70	CB70/PT	CB811
CBE.2	CBR/PT	CR111
CBR.2	CBR/PT	CR111
CVF.4	CVF/PT	CV101
CVF.4/TP	CVF/PT	CV101
CVF.4/TPM	CVF/PT	CV101
CVF.4/VS	CVF/PT	CV101
CVF.4/VS2	CVF/PT	CV101
CVF.4/WW	CVF/PT	CV101
CVF.4/GR	CVF/PT/GR	CV101GR
CVF.4/TP/GR	CVF/PT/GR	CV101GR
DBC.2	DBC/PT	DB101
DAS.4	DAS/PT	DS101
DAS.4/CI	DAS/PT	DS101
DAS.4/SS	DAS/PT	DS101
DSF.4	DSF.4/PT	DS401
DSF.4/GR	DSF.4/PT/GR	DS401GR
DSFA.4	DSS/PT	DS301
DSFA.4/GR	DSS/PT/GR	DS301GR
DSS.4	DSS/PT	DS301
DSS.4/GR	DSS/PT/GR	DS301GR
FDP.2	FDP/PT	FD101
FDP.2/GR	FDP/PT/GR	FD101GR
FFS.4	FFS/PT	FF101
FFS.4/GR	FFS/PT/GR	FF101GR
FVS.4	FVS/PT	FV101
FVS.4/GR	FVS/PT/GR	FV101GR
MPS.4	MPS.4/PT	MP901
MPS.4/GR	MPS.4/PT/GR	MP901GR

SCREW CLAMP TERMINAL BLOCK	END SECTION	
	TYPE	PART NUMBER
MPFA.4	MPS.4/PT	MP901
MPFA.4/GR	MPS.4/PT/GR	MP901GR
MPS.4/SV	MPS.4/PT	MP901
MPS.4/SV/GR	MPS.4/PT/GR	MP901GR
PDF.2	PDF/PT	PF101
RN.1/GR	RFN/PT/GR	RF101GR
RN.2/GR	RFN/PT/GR	RF101GR
RP.4/GR	RP.4/PT/GR	RP301GR
SCB.4	SCB/4/PT	SB301
SCB.4/GR	SCB/4/PT/GR	SB301GR
SCB.6	SCB/6/PT	SB201
SCB.6/GR	SCB.6/PT/GR	SB201GR
SCB.6/DD	SCB/6/PT	SB201
SCB.6/DD/GR	SCB/6/PT/GR	SB201GR
SCB.10	SCB/10/PT	SB401
SCB.10/GR	SCB/10/PT/GR	SB401GR
SCB.10/CD	SCB/10/PT	SB401
SCB.10/CD/GR	SCB/10/PT/GR	SB401GR
SCB.10/DD	SCB/10/PT	SB401
SCB.10/DD/GR	SCB/10/PT/GR	SB401GR
SCB.6/CD	SCB/6/PT	SB201
SCB.6/CD/GR	SCB/6/PT/GR	SB201GR
SFR.4	SFR/PT	SF701
SFR.4/C	SFR/PT	SF701
SFR.4/D1A	SFR/PT	SF701
SFR.4/D3A	SFR/PT	SF701
SFR.4/VS	SFR/PT	SF701
SFR.6	SFR.6/PT	SR301
TC/P0	CB2/PT	CB111
TE0.2	TE0.2/PT	TO901
TE0.4	TE0.4/PT	TO431
TE0.4	TE0.4/PT	TO431
TDE.2	TLS/PT	TL101
TDE.2/GR	TLS/PT/GR	TL201GR
TLD.2	TLD/PT	TL201
TLD.2/GR	TLD/PT/GR	TL201GR
TLS.2	TLS/PT	TL101
TLS.2/GR	TLS/PT/GR	TL201GR
TLE.2/GR	TLS/PT/GR	TL201GR
VPC.2	VPC/PT	VP101
VPC.2/GR	VPC/PT/GR	VP101GR
VPD.2/GR	VPD/PT/GR	VP501GR
TR.2	TR.2/PT	TR111
CBC.2[Ex]i	CBC.2-10/PT[Ex]i	CB1061
CBC.4[Ex]i	CBC.2-10/PT[Ex]i	CB1061
CBC.6[Ex]i	CBC.2-10/PT[Ex]i	CB1061
CBC.10[Ex]i	CBC.2-10/PT[Ex]i	CB1061
CBC.16[Ex]i	CBC.16/PT[Ex]i	CB1161
CBC.35[Ex]i	CBC.35/PT[Ex]i	CB1351
CB0.2[Ex]i	CB2/PT[Ex]i	CBX13
CB0.4[Ex]i	CB4/6/PT[Ex]i	CBX25
CB0.6[Ex]i	CB4/6/PT[Ex]i	CBX25
CB0.10[Ex]i	CB10/PT[Ex]i	CBX44
CB0.16[Ex]i	CB16/PT[Ex]i	CBX53
CB0.35[Ex]i	CB35/PT[Ex]i	CBX63
CB0.50[Ex]i	CB50/PT[Ex]i	CBX73
CB0.70[Ex]i	CB70/PT[Ex]i	CBX83
CVF.4[Ex]i	CVF/PT[Ex]i	CV201
DBC.2[Ex]i	DBC/PT[Ex]i	DB201
DAS.4[Ex]i	DAS/PT[Ex]i	DS201
DAS.4/CI[Ex]i	DAS/PT[Ex]i	DS201
MPS.4[Ex]i	MPS.4/PT[Ex]i	MP902
RN.1[Ex]i	RFN/PT[Ex]i	RF201
RN2[Ex]i	RFN/PT[Ex]i	RF201
RP.4[Ex]i/PT	RP.4/PT[Ex]i	RP401
SFR.4[Ex]i	SFR/PT[Ex]i	SF801
SFR.6[Ex]i	SFR.6/PT[Ex]i	SR401
TC/P0[Ex]i	CB2/PT[Ex]i	CBX13
TLD.2[Ex]i	TLD/PT[Ex]i	TL301
VPC.2[Ex]i	VPC/PT[Ex]i	VP201
VPD.2[Ex]i	VPD/PT[Ex]i	VP561

TYPE	PART NUMBER	DESCRIPTION	MATERIAL	THICKNESS	
BTU	BT005	Universal end bracket, suitable for rails conforming to both IEC 60715, "G32" type and IEC 60715/TH35 (our types PR/DIN and PR/3); it is mounted directly in the desired position and does not require screw fixing.	in black polyamide	8 mm	
BT0	BT007	End bracket suitable for IEC 60715/TH35 rails (our types PR/3); it is mounted directly in the desired position and does not require screw fixing. Particularly suitable if there are rail fixing screws with high heads.	in black polyamide	8 mm	
BT/3	BT003	To be mounted on rails in accordance with the IEC 60715/TH35 standard (our type PR/3)	in black polyamide	8 mm	
BT/2	BT006	To be mounted on rails in accordance with the IEC 60715/TH15 standard (our type PR/2).	in black polyamide	8 mm	

- Universal mounting for both PR/DIN and PR/3 rails which meet IEC 60715 norms, "G32" and TH/35 types
- Made of 6.6 UL94V-0 polyamide - available in grey (RAL 7042)



VERSION	PART NUMBER TYPE	PTM	PTM
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TECHNICAL CHARACTERISTICS

Width	43
Thickness	19.5
Height on TH/35 7.5 mm	52
Height on TH/35 15 mm	60

ACCESSORIES

		TA1640AW (cod. TA1640AW)	
Adhesive tags			
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	
	Screw G32	BT/DIN/PO (cod. BT001)	
	Screw TH35	BT/3 (cod. BT003)	
	Snap-fit TH35	BTO (cod. BT007)	



VERSION	PART NUMBER TYPE	PTMS	PTMS
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TECHNICAL CHARACTERISTICS

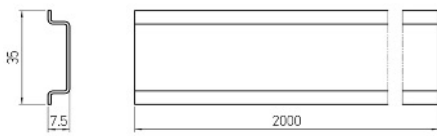
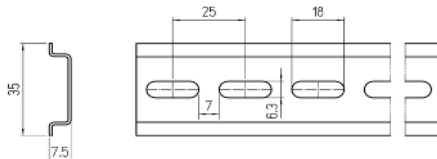
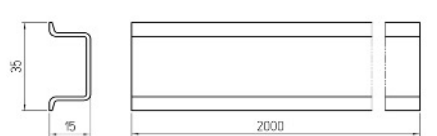
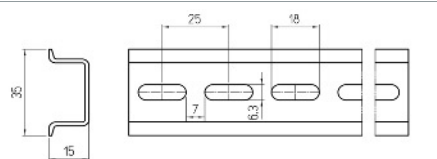
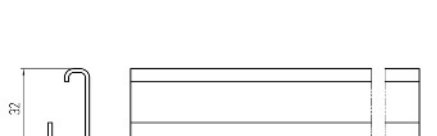
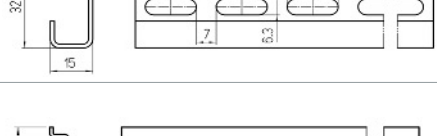
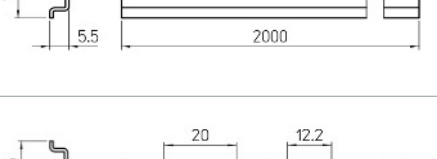
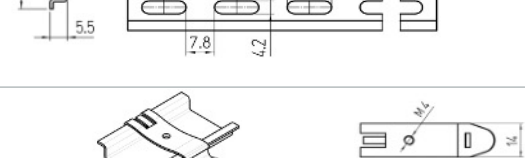
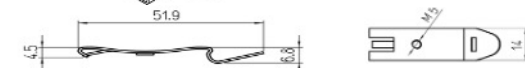
Width	43
Thickness	9.5
Height on TH/35 7.5 mm	52
Height on TH/35 15 mm	60

ACCESSORIES

Adhesive tags		TA407AW (cod. TA407AW)
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Screw G32	BT/DIN/PO (cod. BT001)
	Screw TH35	BT/3 (cod. BT003)
	Snap-fit TH35	BT0 (cod. BT007)

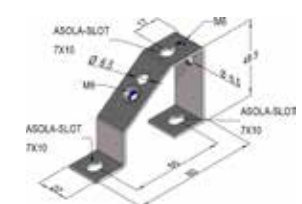
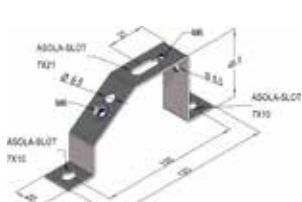
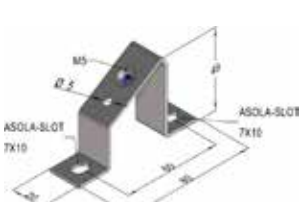
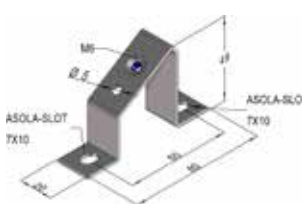
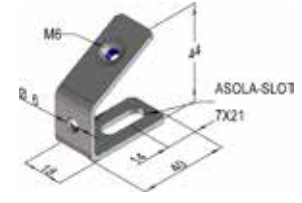
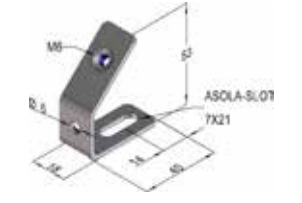
- Compliant with IEC 60715
- Supports for TH/35 rail
- Rail supplied with 2m bars



PART NUMBER	DESCRIPTION	DIAGRAMS
PR003	Rail conforming to IEC 60715/TH35 - 7.5 in passivated steel	
PR903	Rail conforming to IEC 60715/TH35 - 7.5 in white galvanised steel "SENDZIMIR" system	
PR005	Rail conforming to IEC 60715/TH35 - 7.5 in passivated steel with slots	
PR905	Rail conforming to IEC 60715/TH35 - 7.5 in white galvanised steel "SENDZIMIR" system with slots	
PR007	Rail conforming to IEC 60715/TH35 - 15 in passivated steel	
PR907	Rail conforming to IEC 60715/TH35 - 15 in white galvanised steel "SENDZIMIR" system	
PR006	Rail conforming to IEC 60715/TH35 - 15 in passivated steel with slots	
PR906	Rail conforming to IEC 60715/TH35 - 15 in white galvanised steel "SENDZIMIR" system with slots	
PR001	Rail conforming to IEC 60715, "G32" type in passivated steel	
PR901	Rail conforming to IEC 60715, "G32" type in passivated steel	
PR002	Rail conforming to IEC 60715, "G32" type in aluminium	
PR004	Rail conforming to IEC 60715, "G32" type in passivated steel with slots	
PR904	Rail conforming to IEC 60715, "G32" type in white galvanised steel "SENDZIMIR" system with slots	
PR009	Rail conforming to IEC 60715/TH15 - 5.5 in passivated steel	
PR909	Rail conforming to IEC 60715/TH15 - 5.5 in white galvanised steel "SENDZIMIR" system	
PR010	Rail conforming to IEC 60715/TH15 - 5.5 in passivated steel with slots	
PR910	Rail conforming to IEC 60715/TH15 - 5.5 in white galvanised steel "SENDZIMIR" system with slots	
Z121017	Support for IEC 60715/TH35 rails in nickel-plated steel with rapid-mounting system 4 MA	
Z121019	Support for IEC 60715/TH35 rails in nickel-plated steel with rapid-mounting system 5 MA	

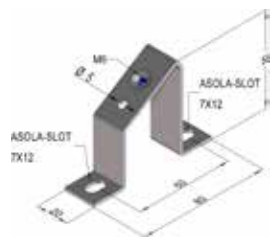
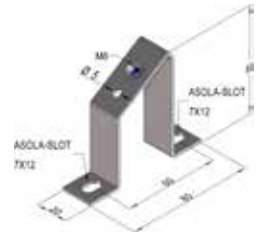
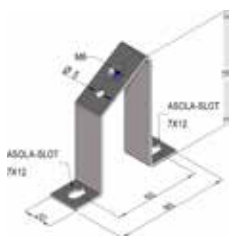
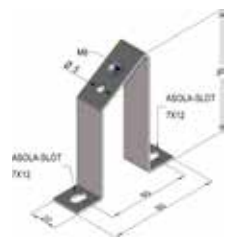
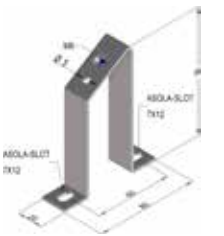
- Inclined bracket
- galvanised busbar holder inclined brackets suitable for fixing terminal block holder rails - M6 thread
- galvanised standard busbar holder flat brackets suitable for fixing terminal block holder rails - M6 thread



TYPE	PART NUMBER	DESCRIPTION	DIAGRAMS
ACI121116	Z121116	Zinc-plated inclined bracket Copper 6 x 6 mm busbar holder for mounting of terminal block holder rails, with the possibility of mounting a (collecting) busbar along the entire length of the terminal block.	
ACI121301	Z121301	Zinc-plated inclined bracket Copper 6 x 6 mm busbar holder for mounting of terminal block holder rails, with the possibility of mounting a (collecting) busbar along the entire length of the terminal block.	
ACI121311	Z121311	Zinc-plated inclined bracket Standard type 2 M5 busbar holder with 2 screw fixing.	
ACI121314	Z121314	Zinc-plated inclined bracket Copper type 2 M6 busbar holder with 2 screw fixing.	
ACI121415	Z121415	Inclined bracket at 30° Standard type 6 M6 busbar holder with 1 screw fixing.	
ACI121228	Z121228	Inclined bracket at 45° Standard type 1 M6 busbar holder with 1 screw fixing.	

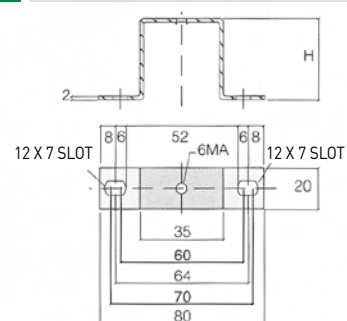
- Inclined bracket
- galvanised busbar holder inclined brackets suitable for fixing terminal block holder rails - M6 thread
- galvanised standard busbar holder flat brackets suitable for fixing terminal block holder rails - M6 thread

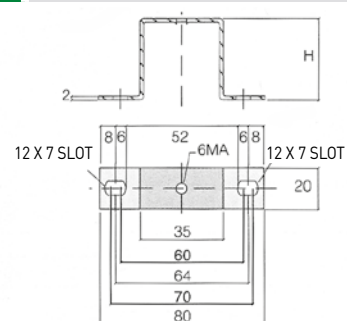
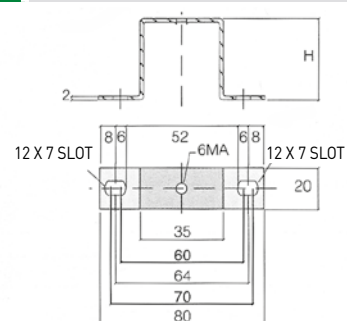
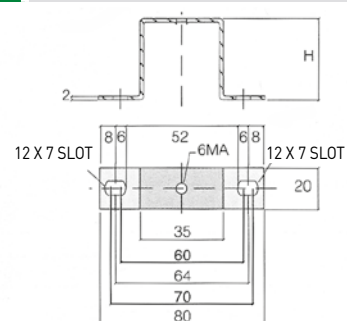
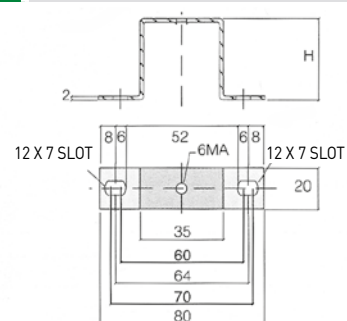
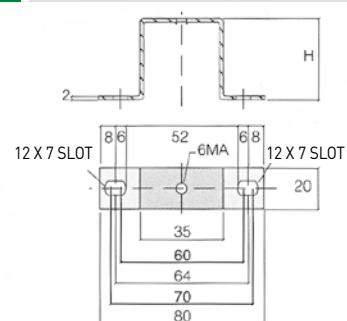
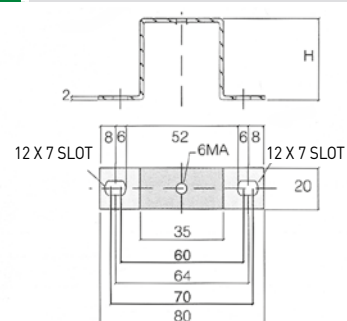
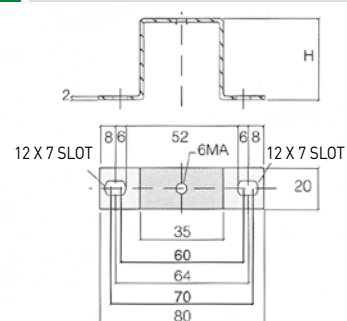


TYPE	PART NUMBER	DESCRIPTION	DIAGRAMS
ACI121316	Z121316	Inclined rail holder, standard H = 58 mm	
ACI121317	Z121317	Inclined rail holder, standard H = 68 mm	
ACI121318	Z121318	Inclined rail holder, standard H = 78 mm	
ACI121319	Z121319	Inclined rail holder, standard H = 88 mm	
ACI121410	Z121410	Inclined rail holder, standard H = 98 mm	

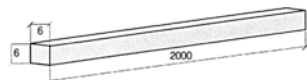
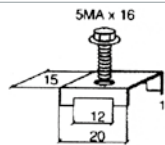
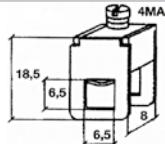
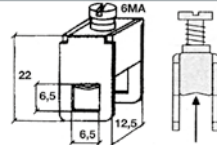
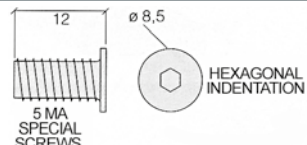
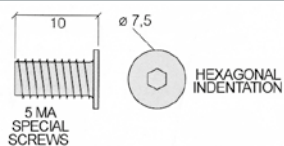
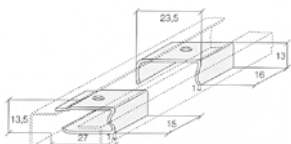
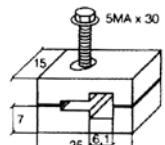
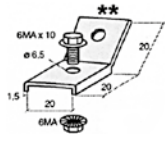
- Inclined bracket
- galvanised busbar holder inclined brackets suitable for fixing terminal block holder rails - M6 thread
- galvanised standard busbar holder flat brackets suitable for fixing terminal block holder rails - M6 thread

Fixing distance between centers, with 6MA screw, from 60 to 70 mm



TYPE	PART NUMBER	DESCRIPTION	DIAGRAMS
ACI121213	Z121213	Flat rail support, standard H = 20 mm	
ACI121214	Z121214	Flat rail support, standard H = 25 mm	
ACI121215	Z121215	Flat rail support, standard H = 30 mm	
ACI121216	Z121216	Flat rail support, standard H = 40 mm	
ACI121217	Z121217	Flat rail support, standard H = 50 mm	
ACI121218	Z121218	Flat rail support, standard H = 70 mm	
ACI121219	Z121219	Flat rail support, standard H = 90 mm	



TYPE	PART NUMBER	DESCRIPTION	DIAGRAMS
ACI121123	Z121123	6 x 6 mm copper busbar L = 2,000 appropriate for assembly with terminal blocks electrical wire grounding	
ACI121118	Z121118	6 x 6 mm copper busbar blocking terminal with 6 MA x 12 mm screws	
ACI121119	Z121119	Terminal with saddle for 6 x 6 mm copper busbar wire section 0.5-16 mm ²	
ACI121121	Z121121	Terminal with saddle for 6 x 6 mm copper busbar wire section 4-35 mm ²	
ACI121026	Z121026	Special hexagon slot 6 MA x 12 mm screw	
ACI121421	Z121421	Special hexagon slot 5 MA x 10 mm screw	
ACI121211	Z121211	4 MA nut for rapid mounting for 32 x 9 x 15 mm steel bar	
ACI121212	Z121212	5 MA nut for rapid mounting for 32 x 9 x 15 mm steel bar	
ACI121221	Z121221	6 x 6 mm copper busbar blocking terminal with 6 MA x 25 mm screws	
ACI121307	Z121307	Inclined copper busbar support with 6 MA x 10 mm screws and 6 MA nut	

- These are supplied pre-assembled for 2-3-5-10 poles
- They allow cross connection of two or more contiguous terminal blocks and are placed in an accident prevention position with respect to the outside
- all the components are made of brass with nickedl-plating surface treatment



TERMINAL BLOCK	2-POLE JUMPER		3-POLE JUMPER		5-POLE JUMPER		10-POLE JUMPER	
	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER
CBD.2	PM/20/2	PM202	PM/20/3	PM203	PM/20/5	PM205	PM/20/10	PM210
CBD.4	PM/40/2	PM402	PM/40/3	PM403	PM/40/5	PM405	PM/40/10	PM400
CBD.6	PM/60/2	PM602	PM/60/3	PM603	PM/60/5	PM605	PM/60/10	PM610
CBD.10	PM/10/2	PM102	PM/10/3	PM103	PM/10/5	PM105	PM/10/10	PM100
CBR.2	PM/25/2	PM252	PM/25/3	PM253	PM/25/5	PM255	PM/25/10	PM250
CVF.4	PM/40/2	PM402	-	-	-	-	-	-
DAS.4	PM/41/2	PM412	PM/51/3	PM513	PM/51/5	PM515	PM/51/10	PM510
RN.1	PM/11/2	PM112	PM/11/3	PM113	PM/11/5	PM115	PM/11/10	PM110
RN.2	PM/12/2	PM122	PM/12/3	PM123	PM/12/5	PM125	PM/12/10	PM120
RP.4	PM/41/2	PM412	PM/51/3	PM513	PM/51/5	PM515	PM/51/10	PM510
SCB.4	PM/40/2	PM402	PM/40/3	PM403	PM/40/5	PM405	PM/40/10	PM400
TDE.2	PM/20/2	PM202	PM/30/3	PM303	PM/30/5	PM305	PM/30/10	PM310
TLD.2	PM/20/2	PM202	PM/30/3	PM303	PM/30/5	PM305	PM/30/10	PM310
TLE.2	PM/20/2	PM202	PM/30/3	PM303	PM/30/5	PM305	PM/30/10	PM310
TLS.2	PM/20/2	PM202	PM/30/3	PM303	PM/30/5	PM305	PM/30/10	PM310

- Snap coupling, with no screws
- Possibility of cross and offset-pole connection
- when inserted, intrinsically IPXXB protected installation, without the aid of further insulating protections
- System covered by patent



TERMINAL BLOCK	2-POLE JUMPER		3-POLE JUMPER		5-POLE JUMPER		10-POLE JUMPER		JUMPER L = 250 MM		POLES
	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER	
CBC.2	PTC/2/02	PTC0202	PTC/2/03	PTC0203	PTC/2/05	PTC0205	PTC/2/10	PTC0210	PTC/2/00	PTC0200	50
CBC.4	PTC/4/02	PTC0402	PTC/4/03	PTC0403	PTC/4/05	PTC0405	PTC/4/10	PTC0410	PTC/4/00	PTC0400	42
CBC.6	PTC/6/02	PTC0602	PTC/6/03	PTC0603	PTC/6/05	PTC0605	PTC/6/10	PTC0610	PTC/6/00	PTC0600	31
CBC.10	PTC/10/02	PTC1002	PTC/10/03	PTC1003	PTC/10/05	PTC1005	PTC/10/10	PTC1010	PTC/10/00	PTC1000	25
DBC.2	PTC/2/02	PTC0202	PTC/2/03	PTC0203	PTC/2/05	PTC0205	PTC/2/10	PTC0210	PTC/2/00	PTC0200	50
DSFA.4	PTC/4/02	PTC0402	PTC/4/03	PTC0403	PTC/4/05	PTC0405	PTC/4/10	PTC0410	PTC/4/00	PTC0400	42
DSS.4	PTC/4/02	PTC0402	PTC/4/03	PTC0403	PTC/4/05	PTC0405	PTC/4/10	PTC0410	PTC/4/00	PTC0400	42
HMM.1/GR (1)	PTC/1/02	PTC0102	PTC/1/03	PTC0103	PTC/1/05	PTC0105	PTC/1/10	PTC0110	PTC/1/00	PTC0100	50
HMD.1/GR	PTC/1/02	PTC0102	PTC/1/03	PTC0103	PTC/1/05	PTC0105	PTC/1/10	PTC0110	PTC/1/00	PTC0100	50
HCD.1/GR	PTC/2/02	PTC0202	PTC/2/03	PTC0203	PTC/2/05	PTC0205	PTC/2/10	PTC0210	PTC/2/00	PTC0200	50
HDE.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HLD.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HFR.4/GR	PTC/5/02	PTC0502	PTC/5/03	PTC0503	PTC/5/05	PTC0505	PTC/5/10	PTC0510	PTC/5/00	PTC0500	30
HFR.4/M/GR	PTC/5/02	PTC0502	PTC/5/03	PTC0503	PTC/5/05	PTC0505	PTC/5/10	PTC0510	PTC/5/00	PTC0500	40
HMM.2/GR (1)	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HMS.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HMFA.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HMM.4/GR (1)	PTC/5/02	PTC0502	PTC/5/03	PTC0503	PTC/5/05	PTC0505	PTC/5/10	PTC0510	PTC/5/00	PTC0500	40
HMFA.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HSCB.4/GR	PTC/5/02	PTC0502	PTC/5/03	PTC0503	PTC/5/05	PTC0505	PTC/5/10	PTC0510	PTC/5/00	PTC0500	40
HSCB.6/GR	PTC/8/02	PTC0802	PTC/8/03	PTC0803	PTC/8/05	PTC0805	PTC/8/10	PTC0810	PTC/8/00	PTC0800	30
HMM.6/GR	PTC/8/02	PTC0802	PTC/8/03	PTC0803	PTC/8/05	PTC0805	PTC/8/10	PTC0810	PTC/8/00	PTC0800	30
HMM.10/GR	PTC/11/02	PTC1102	PTC/11/03	PTC1103	PTC/11/05	PTC1105	PTC/11/10	PTC1110	PTC/11/00	PTC1100	25
HMM.16/GR	PTC/16/02	PTC1602	PTC/16/03	PTC1603	PTC/16/05	PTC1605	PTC/16/10	PTC1610	PTC/16/00	PTC1600	20
HVPC.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
CHP.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
CHP.2D/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HPP.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HP.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
HPC.2/GR	PTC/3/02	PTC0302	PTC/3/03	PTC0303	PTC/3/05	PTC0305	PTC/3/10	PTC0310	PTC/3/00	PTC0300	47
MPS.4	PTC/4/02	PTC0402	PTC/4/03	PTC0403	PTC/4/05	PTC0405	PTC/4/10	PTC0410	PTC/4/00	PTC0400	42
MPFA.4	PTC/4/02	PTC0402	PTC/4/03	PTC0403	PTC/4/05	PTC0405	PTC/4/10	PTC0410	PTC/4/00	PTC0400	42
SFR.6	PTC/20/02	PTC2002	PTC/20/03	PTC2003	PTC/20/05	PTC2005	PTC/20/10	PTC2010	PTC/20/00	PTC2000	25
VPC.2	PTC/2/02	PTC0202	PTC/2/03	PTC0203	PTC/2/05	PTC0205	PTC/2/10	PTC0210	PTC/2/00	PTC0200	50
VPD.2	PTC/2/02	PTC0202	PTC/2/03	PTC0203	PTC/2/05	PTC0205	PTC/2/10	PTC0210	PTC/2/00	PTC0200	50
CBS.2	PTC/2/02	PTC0202	PTC/2/03	PTC0203	PTC/2/05	PTC0205	PTC/2/10	PTC0210	PTC/2/00	PTC0200	50
CBS.4 - CBF.4	PTC/4/02	PTC0402	PTC/4/03	PTC0403	PTC/4/05	PTC0405	PTC/4/10	PTC0410	PTC/4/00	PTC0400	42



After cutting the bar for the number of poles necessary, insert the cross connection in the special cavity of the terminal block. At this point working with the tip of a screwdriver, push the cross connection up to the locking point. The cross connection will be completely isolated and intrinsically IPXXB protected.

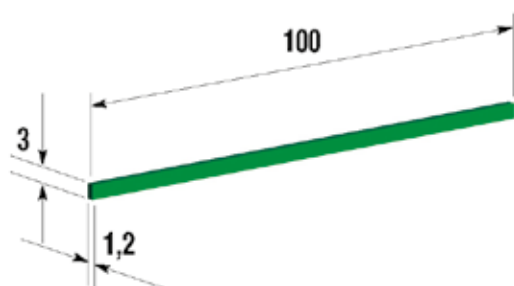


After inserting the cross connection, the poles connected can be highlighted with the aid of the green insert, PTC/SP. This accessory is supplied in the standard length of 100 mm and can easily be sliced with the aid of a simple cutter.



To remove the cross connection it is sufficient to remove the PTC/SP insert, insert the tip of the screwdriver in the slot of the cross connection itself, lever it and pull it out.

(1) Including the versions /1+2, /2+2 and/or the corresponding earth terminal blocks, if available.

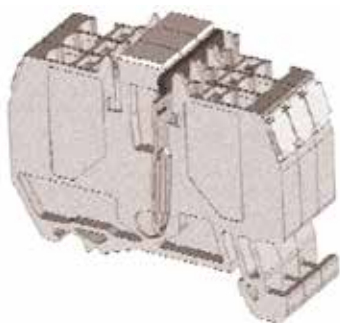


In panels with little light, seeing clearly where the cross connections are inserted is not always immediate and easy if particular attention is not paid; this can cause connection errors.

It is precisely to solve this problem that Cabur has created a marker to be used on its terminal blocks that adopt PTC cross connections, in order to make locating them easier, after insertion.

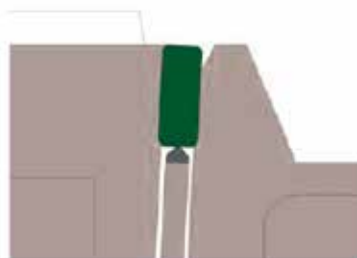
A single model was created (PTC/SP - Cat. No. PTC0990)

common to all terminal blocks, irrespective of the pitch or the model of the PTC cross connection used. The marker must be housed in the cross-connection seat; stability on the terminal block is guaranteed by the friction on the walls of the cross-connection insertion grooves.

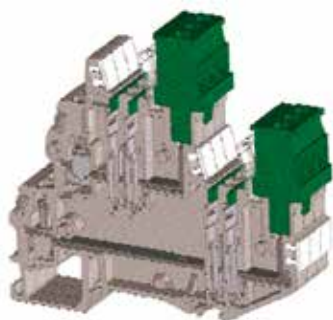


Examples of application on the HMM.2 terminal block.

The dimensions of the marker have been studied so as not to protrude from the profile of any of the terminal blocks on which it can be applied, so as not to interfere with numbering, cables or other accessories.

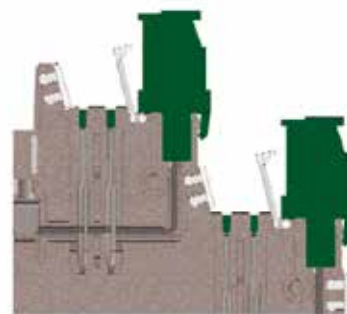


The marker can be applied also in the case of double cross connections. It is to be noted that the marker can be applied in the presence of other accessories, without having to be extracted in advance.



Examples of application on the VPD.2 terminal block.

The marker is produced in sticks of a length of 100 mm each and is supplied in green. Users can autonomously reduce its length according to their needs.

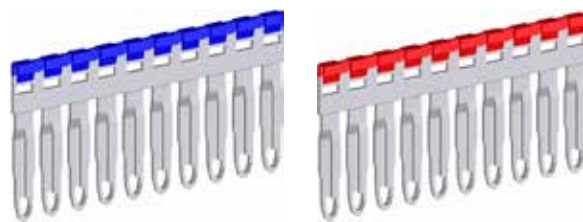


The cutting operation is possible with no difficulty using a common pair of pliers, because the thickness of the sticks, made of polyamide, is only 1.20 mm.

Note:

application of the PTC/SP marker is possible on all terminal blocks that adopt PTC cross connections (as in the list) with the exception of the HCD.1 and HMD.2N terminal blocks: in these two terminal blocks the shape of the cross-connection seat makes it impossible to obtain the friction necessary to guarantee stably the positioning and permanence. In the same way the cross connections of these two terminal blocks have a less deep introduction compared to all the others and therefore the presence of the cross connection can be seen without the need for the marker.

- Snap coupling, with no screws
- Possibility of cross and offset-pole connection
- when inserted, intrinsically IPXXB protected installation, without the aid of further insulating protections
- Colours red or blue for immediate visibility of the cross connection and identification of polarity or phase
- Upper surface markable with indelible marker pen



TERMINAL BLOCK	JUMPER COLOUR	2-POLE JUMPER		3-POLE JUMPER		5-POLE JUMPER		10-POLE JUMPER		30-POLE JUMPER	
		TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER
CBC.2/GR	RED	PTP/2/02/R	PTP0202R	PTP/2/03/R	PTP0203R	PTP/2/05/R	PTP0205R	PTP/2/10/R	PTP0210R	PTP/2/30/R	PTP0230R
	BLUE	PTP/2/02/B	PTP0202B	PTP/2/03/B	PTP0203B	PTP/2/05/B	PTP0205B	PTP/2/10/B	PTP0210B	PTP/2/30/B	PTP0230B
CBC.4/GR	RED	PTP/4/02/R	PTP0402R	PTP/4/03/R	PTP0403R	PTP/4/05/R	PTP0405R	PTP/4/10/R	PTP0410R	PTP/4/30/R	PTP0430R
	BLUE	PTP/4/02/B	PTP0402B	PTP/4/03/B	PTP0403B	PTP/4/05/B	PTP0405B	PTP/4/10/B	PTP0410B	PTP/4/30/B	PTP0430B
CBS.2 e CBS.2/GR	RED	PTP/2/02/R	PTP0202R	PTP/2/03/R	PTP0203R	PTP/2/05/R	PTP0205R	PTP/2/10/R	PTP0210R	PTP/2/30/R	PTP0230R
	BLUE	PTP/2/02/B	PTP0202B	PTP/2/03/B	PTP0203B	PTP/2/05/B	PTP0205B	PTP/2/10/B	PTP0210B	PTP/2/30/B	PTP0230B
CBS.4 e CBS.4/GR	RED	PTP/4/02/R	PTP0402R	PTP/4/03/R	PTP0403R	PTP/4/05/R	PTP0405R	PTP/4/10/R	PTP0410R	PTP/4/30/R	PTP0430R
	BLUE	PTP/4/02/B	PTP0402B	PTP/4/03/B	PTP0403B	PTP/4/05/B	PTP0405B	PTP/4/10/B	PTP0410B	PTP/4/30/B	PTP0430B
CBF.4/GR	RED	PTP/4/02/R	PTP0402R	PTP/4/03/R	PTP0403R	PTP/4/05/R	PTP0405R	PTP/4/10/R	PTP0410R	PTP/4/30/R	PTP0430R
	BLUE	PTP/4/02/B	PTP0402B	PTP/4/03/B	PTP0403B	PTP/4/05/B	PTP0405B	PTP/4/10/B	PTP0410B	PTP/4/30/B	PTP0430B
CBC.6/GR	RED	PTP/6/02/R	PTP0602R	PTP/6/03/R	PTP0603R	PTP/6/05/R	PTP0605R	PTP/6/10/R	PTP0610R	-	-
	BLUE	PTP/6/02/B	PTP0602B	PTP/6/03/B	PTP0603B	PTP/6/05/B	PTP0605B	PTP/6/10/R	PTP0610B	-	-
HMM.2/GR (1)	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HMM.4/GR (1)	RED	PTP/5/02/R	PTP0502R	PTP/5/03/R	PTP0503R	PTP/5/05/R	PTP0505R	PTP/5/10/R	PTP0510R	PTP/5/30/R	PTP0530R
	BLUE	PTP/5/02/B	PTP0502B	PTP/5/03/B	PTP0503B	PTP/5/05/B	PTP0505B	PTP/5/10/B	PTP0510B	PTP/5/30/B	PTP0530B
HMD.2N/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HLD.2/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HDE.2/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
CHP.2/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
CHP.2D/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HVPC.2/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HMS.2/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HMFA.2/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HSCB.4/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
HFR.4/M/GR	RED	PTP/3/02/R	PTP0302R	PTP/3/03/R	PTP0303R	PTP/3/05/R	PTP0305R	PTP/3/10/R	PTP0310R	PTP/3/30/R	PTP0330R
	BLUE	PTP/3/02/B	PTP0302B	PTP/3/03/B	PTP0303B	PTP/3/05/B	PTP0305B	PTP/3/10/B	PTP0310B	PTP/3/30/B	PTP0330B
DBC.2/GR	RED	PTP/2D/02/R	PTP02D02R	PTP/2D/03/R	PTP02D03R	PTP/2D/05/R	PTP02D05R	PTP/2D/10/R	PTP02D10R	PTP/2D/30/R	PTP02D30R
	BLUE	PTP/2D/02/B	PTP02D02B	PTP/2D/03/B	PTP02D03B	PTP/2D/05/B	PTP02D05B	PTP/2D/10/B	PTP02D10B	PTP/2D/30/B	PTP02D30B
DBC.4/GR	RED	PTP/4D/02/R	PTP04D02R	PTP/4D/03/R	PTP04D03R	PTP/4D/05/R	PTP04D05R	PTP/4D/10/R	PTP04D10R	PTP/4D/30/R	PTP04D30R
	BLUE	PTP/4D/02/B	PTP04D02B	PTP/4D/03/B	PTP04D03B	PTP/4D/05/B	PTP04D05B	PTP/4D/10/B	PTP04D10B	PTP/4D/30/B	PTP04D30B

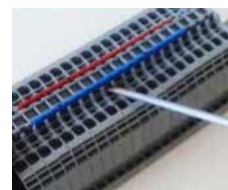
(1) Including the versions /1+2, /2+2 and/or the corresponding earth terminal blocks, if available.



After cutting the bar for the number of poles necessary, insert the cross connection in the special seat in the terminal block. With the tip of the screwdriver push the cross-connection until it comes to a stop. The cross connection will be completely insulated, intrinsically IPXXB protected and visible.

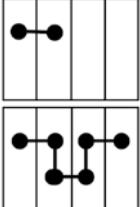
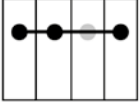
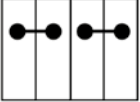
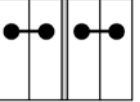
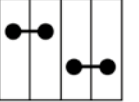
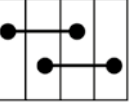


The upper surface can be marked with an indelible marker pen to indicate the presence of the pole and of the electrical connection with the underlying terminal block in cross connections with alternating poles



To remove the cross connection it is sufficient to insert the tip of the screwdriver in the slot of the cross connection itself and lever it to pull it out; with cross connections of more than 5 poles lever gradually at the centre and at the two ends until it is completely extracted

To guarantee the correct safety conditions, after insertion and depending on the multiple connection schemes obtainable using the PTC/PTP cross connections, the table below is provided:

PTC/PTP CROSS CONNECTION SCHEMES					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER OR END SECTION	OFFSET	CROSSED
					

TERMINAL BLOCK SERIES	JUMPER TYPE	ISOLATION VOLTAGE IN THE ABOVE CONFIGURATIONS (V)					
		SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER OR END SECTION	OFFSET	CROSSED
CBC.2	PTC/2 PTP/2	630	630	-	500	500	500
CBC.4	PTC/4 PTP/4	630	500	-	500	500	500
CBC.6	PTC/6	630	630	-	630	630	500
CBC.10	PTC/10	800	630	-	630	800	500
VPC.2	PTC/2	320	320	-	320	320	320
HMFA.2 - HMS.2	PTC/3	630	500	-	500 (1)	-	-
HMM.1 Series	PTC/1	630	630	-	320	630	630
HMM.2 Series	PTC/3 PTP/3	630	500	-	500 (1)	630	630
HMM.4 Series	PTC/5 PTP/5	500	500	-	500 (1)	500	500
HMM.10	PTC/11	1000	1000	-	800	1000	1000
HMM.16	PTC/16	1000	1000	-	800	1000	800
DBC.2	PTC/2	630	500	-	250 (2)	500	500
DBC.2	PTC/2	630	500	-	630 (3)	500	500
HCD.1	PTC/2	320	320	-	320	320	320
HVPC.2/GR	PTC/3	500	500	-	500 (1)	500	500
CHP.2/GR - CHP.2D/GR	PTC/11	500 (630)	500	-	400 (1)	-	-
HPP.2/GR - HP.2/GR	PTC/3	400	400	-	800 (1)	500	400
HPC.2/GR	PTC/3	400	400	-	800 (1)	400	400
SFR.6	PTC/20	630	630	400	630	630	500
MPS.4-MPFA.4	PTC/4	400	400	-	400	-	-
DSS.4-DSFA.4	PTC/4	400	400	-	400	-	-
HMD.1	PTC/1	500	500	-	320	500	500
VPD.2	PTC/2	320	320	-	320	320	320
HSCB.4	PTC/5	500	500	-	500 (1)	500	500
HSCB.6	PTC/8	500	500	-	400	500	500

(1) with interposition of end platelet

(2) between lower adjacent cross connections (with barrier)

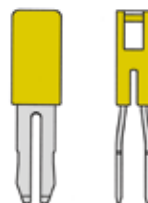
(3) between upper adjacent cross connections (with barrier)



- For HMD.2 and FDP.2 terminal blocks

TERMINAL BLOCK SERIES	JUMPER TYPE	PART NUMBER
HMD.2	PH/2.5-4	PH100
FDP.2	PH/2.5-4	PH100

(1) to complete the insertion of the jumpers, the use of screwdriver is necessary



HMD.2/GR CAT. NO. HD100GR

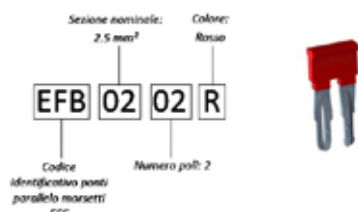
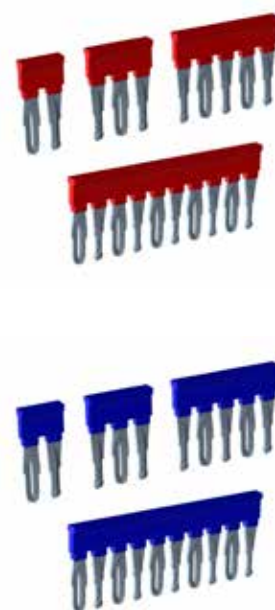
FOR MINI SPRING-CLAMP TERMINAL BLOCKS

TERMINAL BLOCK SERIES	2-POLE JUMPER		3-POLE JUMPER		5-POLE JUMPER	
	TYPE	PART NUMBER	TYPE	PART NUMBER	TYPE	PART NUMBER
HP.2/P	PTC/2/02	PTC0302	PTC/2/03	PTC0303	PTC/2/05	PTC0305
HPC.2/P	PTC/2/02	PTC0302	PTC/2/03	PTC0303	PTC/2/05	PTC0305
HPP.2/P	PTC/2/02	PTC0302	PTC/2/03	PTC0303	PTC/2/05	PTC0305



FOR EFC TERMINAL BLOCKS

Terminal Block Series	Colour	2-Pole Jumper		3-Pole Jumper		5-Pole Jumper		10-Pole Jumper	
		Type	Part Number	Type	Part Number	Type	Part Number	Type	Part Number
EFC.1	RED	EFB.1/2/R	EFB0102R	EFB.1/3/R	EFB0103R	EFB.1/5/R	EFB0105R	EFB.1/10/R	EFB0110R
	BLUE	EFB.1/2/B	EFB0102B	EFB.1/3/B	EFB0103B	EFB.1/5/B	EFB0105B	EFB.1/10/B	EFB0110B
EFC.2	RED	EFB.2/2/R	EFB0202R	EFB.2/3/R	EFB0203R	EFB.2/5/R	EFB0205R	EFB.2/10/R	EFB0210R
	BLUE	EFB.2/2/B	EFB0202B	EFB.2/3/B	EFB0203B	EFB.2/5/B	EFB0205B	EFB.2/10/B	EFB0210B
EFCE.2	RED	EFB.2/2/R	EFB0202R	EFB.2/3/R	EFB0203R	EFB.2/5/R	EFB0205R	EFB.2/10/R	EFB0210R
	BLUE	EFB.2/2/B	EFB0202B	EFB.2/3/B	EFB0203B	EFB.2/5/B	EFB0205B	EFB.2/10/B	EFB0210B
EFC.4	RED	EFB.4/2/R	EFB0402R	EFB.4/3/R	EFB0403R	EFB.4/5/R	EFB0405R	EFB.4/10/R	EFB0410R
	BLUE	EFB.4/2/B	EFB0402B	EFB.4/3/B	EFB0403B	EFB.4/5/B	EFB0405B	EFB.4/10/B	EFB0410B
EFC.6	RED	EFB.6/2/R	EFB0602R	EFB.6/3/R	EFB0603R	EFB.6/5/R	EFB0605R	EFB.6/10/R	EFB0610R
	BLUE	EFB.6/2/B	EFB0602B	EFB.6/3/B	EFB0603B	EFB.6/5/B	EFB0605B	EFB.6/10/B	EFB0610B
EFCE.4	RED	EFB.4/2/R	EFB0402R	EFB.4/3/R	EFB0403R	EFB.4/5/R	EFB0405R	EFB.4/10/R	EFB0410R
	BLUE	EFB.4/2/B	EFB0402B	EFB.4/3/B	EFB0403B	EFB.4/5/B	EFB0405B	EFB.4/10/B	EFB0410B
EFD.2	RED	EFB.2/2/R	EFB0202R	EFB.2/3/R	EFB0203R	EFB.2/5/R	EFB0205R	EFB.2/10/R	EFB0210R
	BLUE	EFB.2/2/B	EFB0202B	EFB.2/3/B	EFB0203B	EFB.2/5/B	EFB0205B	EFB.2/10/B	EFB0210B
EFD.4	RED	EFB.4/2/R	EFB0402R	EFB.4/3/R	EFB0403R	EFB.4/5/R	EFB0405R	EFB.4/10/R	EFB0410R
	BLUE	EFB.4/2/B	EFB0402B	EFB.4/3/B	EFB0403B	EFB.4/5/B	EFB0405B	EFB.4/10/B	EFB0410B
EFDE	RED	EFB.2/2/R	EFB0202R	EFB.2/3/R	EFB0203R	EFB.2/5/R	EFB0205R	EFB.2/10/R	EFB0210R
	BLUE	EFB.2/2/B	EFB0202B	EFB.2/3/B	EFB0203B	EFB.2/5/B	EFB0205B	EFB.2/10/B	EFB0210B
EFDE	RED	EFB.4/2/R	EFB0402R	EFB.4/3/R	EFB0403R	EFB.4/5/R	EFB0405R	EFB.4/10/R	EFB0410R
	BLUE	EFB.4/2/B	EFB0402B	EFB.4/3/B	EFB0403B	EFB.4/5/B	EFB0405B	EFB.4/10/B	EFB0410B
EFF.4	RED	EFB.4/2/R	EFB0402R	EFB.4/3/R	EFB0403R	EFB.4/5/R	EFB0405R	EFB.4/10/R	EFB0410R
	BLUE	EFB.4/2/B	EFB0402B	EFB.4/3/B	EFB0403B	EFB.4/5/B	EFB0405B	EFB.4/10/B	EFB0410B
EFS	RED	EFB.2/2/R	EFB0202R	EFB.2/3/R	EFB0203R	EFB.2/5/R	EFB0205R	EFB.2/10/R	EFB0210R
	BLUE	EFB.2/2/B	EFB0202B	EFB.2/3/B	EFB0203B	EFB.2/5/B	EFB0205B	EFB.2/10/B	EFB0210B
EFS	RED	EFB.4/2/R	EFB0402R	EFB.4/3/R	EFB0403R	EFB.4/5/R	EFB0405R	EFB.4/10/R	EFB0410R
	BLUE	EFB.4/2/B	EFB0402B	EFB.4/3/B	EFB0403B	EFB.4/5/B	EFB0405B	EFB.4/10/B	EFB0410B
EFT.2	RED	EFB.2/2/R	EFB0202R	EFB.2/3/R	EFB0203R	EFB.2/5/R	EFB0205R	EFB.2/10/R	EFB0210R
	BLUE	EFB.2/2/B	EFB0202B	EFB.2/3/B	EFB0203B	EFB.2/5/B	EFB0205B	EFB.2/10/B	EFB0210B
EFD5	RED	EFB.2/2/R	EFB0202R	EFB.2/3/R	EFB0203R	EFB.2/5/R	EFB0205R	EFB.2/10/R	EFB0210R
	BLUE	EFB.2/2/B	EFB0202B	EFB.2/3/B	EFB0203B	EFB.2/5/B	EFB0205B	EFB.2/10/B	EFB0210B



They enable cross connection of two adjacent terminal blocks and are placed in an accident prevention position with respect to the outside.

The POF is made up of:

- 2 screws
- 2 sleeves (except POF/95/..., POF/150/..., POF/240/...)
- 1 plate with 2 holes

All the components are in brass, with nickel plating.

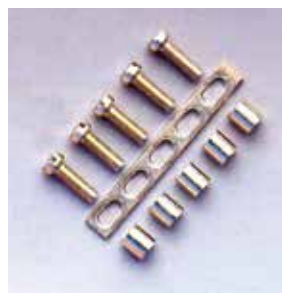


TERMINAL BLOCK SERIES	JUMPER TYPE	PART NUMBER	SCREW M X L (MM)	SLEEVE Ø X L (MM)	PLATE L X S (MM)
CBC.16	POF/53	POF53	M4 x 21	8 x 15	7 x 1.5
CBC.35	POF/35	POF35	M4 x 21	8 x 12	10 x 4
CBD.16	POF/44	POF44	M4 x 16	6 x 9.5	7 x 1.5
CBD.35	POF/06	POF06	M4 x 21	8 x 12	8 x 2.5
CBD.50	POF/07	POF07	M5 x 20	8 x 12	10 x 2,5
CBD.70	POF/08	POF08	M5 x 25	8 x 15	10 x 2,5
SCB.6	POF/57	POF57	M3.5 x 28	6 x 19	7 x 1
SCB.10	POF/56	POF56	M4.5 x 20	7 x 13.5	7 x 1.5
GPM.95 (2 poles)	POF/95/2	PO952	M5 x 20	-	10 x 10
GPM.95 (3 poles)	POF/95/3	PO953	M5 x 20	-	10 x 10
GPM.150 (2 poles)	POF/150/2	PO152	M5 x 20	-	10 x 10
GPM.150 (3 poles)	POF/150/3	PO153	M5 x 20	-	10 x 10
GPM.240 (2 poles)	POF/240/2	PO242	M5 x 30	-	10 x 15
GPM.240 (3 poles)	POF/240/3	PO243	M5 x 30	-	10 x 15
GPA.70 - GPA.70/FIX	POF/70	POF70	M5 x 35	8 x 23.5	10 x 3

(1) For terminal blocks that normally require POF connections, where they are to be inserted in "increased safety" installations (Ex e), the use of PFX cross connections is required; they include an anti-loosening washer

The **PMP** commoning bar, suitable for multiple connection of several terminal blocks, whether adjacent or not, is supplied in 250 mm sections with holes adequate for the pitch of each terminal block. The bar is supported and fixed, in correspondence with each element, by a special **CPM** sleeve screw.

In use on terminal boards destined for "increased safety" (Ex e) plants the CPM screws/sleeves are fitted with self-locking washers and their part number is changed to **CPX**.



TERMINAL BLOCK SERIES	COMMONING BAR		L X S MM	SCREW/SLEEVE		SCREW/SLEEVE (EX E)	
	TYPE	PART NUMBER		TYPE	PART NUMBER	TYPE	PART NUMBER
CBC.16	PMP/05	PMP05	7 x 1.5	CPM/53	CPM53	CPX/53	CPX53
CBC.35	PMP/35	PMP35	10 x 4	CPM/35	CPM35	CPX/35	CPX35
CBD.2	PMP/01	PMP01	5.5 x 0.6	CPM/21	CPM21	CPX/21	CPX21
CBD.4	PMP/42	PMP42	5.5 x 0.6	CPM/12	CPM12	CPX/12	CPX12
CBD.6	PMP/13	PMP13	7 x 1	CPM/83	CPM83	CPX/83	CPX83
CBD.10	PMP/04	PMP04	7 x 1.5	CPM/03	CPM03	CPX/03	CPX03
CBD.16	PMP/05	PMP05	7 x 1.5	CPM/44	CPM44	CPX/44	CPX44
CBD.35	PMP/06	PMP06	8 x 2.5	CPM/06	CPM06	CPX/06	CPX06
CBD.50	PMP/07	PMP07	10 x 2.5	CPM/07	CPM07	CPX/07	CPX07
CBD.70	PMP/08	PMP08	10 x 2.5	CPM/08	CPM08	CPX/08	CPX08
CBR.2	PMP/25	PMP25	5.5 x 0.6	CPM/25	CPM25	-	-
CVF.4	PMP/58	PMP58	5.5 x 0.6	CPM/12	CPM12	-	-
DAS.4	PMP/58	PMP58	5.5 x 0.6	CPM/01	CPM01	CPX/01	CPX01
FFS.4	PMP/42	PMP42	5.5 x 0.6	CPM/01	CPM01	CPX/01	CPX01
FVS.4	PMP/42	PMP42	5.5 x 0.6	CPM/01	CPM01	CPX/01	CPX01
GPA.70 - GPA.70/FIX	PMP/08	PMP08	10 x 2.5	CPM/70	CPM70	-	-
RN.1	PMP/16	PMP16	5.5 x 0.6	CPM/16	CPM16	-	-
RN.2	PMP/25	PMP25	5.5 x 0.6	CPM/16	CPM16	CPX/16	CPX16
RP.4	PMP/58	PMP58	5.5 x 0.6	CPM/01	CPM01	CPX/01	CPX01
SCB.4	PMP/42	PMP42	5.5 x 0.6	CPM/12	CPM12	-	-
SCB.6	PMP/13	PMP13	7 x 1	CPM/57	CPM57	-	-
SCB.10	PMP/56	PMP56	7 x 1.5	CPM/56	CPM56	-	-
TDE.2	PMP/02	PMP02	5.5 x 0.6	CPM/21	CPM21	-	-
TLD.2	PMP/02	PMP02	5.5 x 0.6	CPM/21	CPM21	-	-
TLE.2	PMP/02	PMP02	5.5 x 0.6	CPM/21	CPM21	-	-
TLS.2	PMP/02	PMP02	5.5 x 0.6	CPM/21	CPM21	-	-

If the linking of adjacent terminal blocks is occasional, a POS switchable cross connection may be used; it consists of:

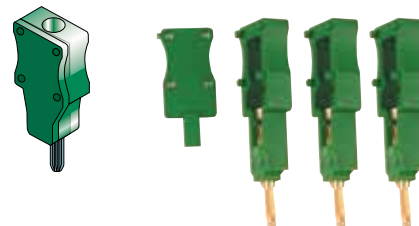
- 2 screws
- 2 sleeves
- 1 linking plate with open slot, allowing easy opening and closing of the cross connection



TERMINAL BLOCK SERIES	CROSS CONNECTION		SCREW M X L (MM)	SLEEVE Ø X L (MM)
	TYPE	PART NUMBER		
CBC.16	POS/53	POS53	4 x 35	5.1 x 30
CBD.2	POS/11	POS11	2.5 x 22	4 x 18
CBD.4	POS/42	POS42	3 x 28	4 x 23
CBD.6	POS/93	POS93	3.5 x 27	5.5 x 21.5
CBD.10	POS/44	POS44	4 x 30	5.5 x 21.5
CBD.16	POS/44	POS44	4 x 30	5.5 x 21.5
CBD.35	POS/66	POS66	4 x 30	8 x 23.5
CBD.50	POS/77	POS77	5 x 30	8 x 23.5
CBD.70	POS/08	POS08	5 x 40	8 x 30
DAS.4	POS/43	POS43	3 x 20	4 x 16
FFS.4	POS/72	POS72	3 x 20	4 x 14.5
FVS.4	POS/72	POS72	3 x 20	4 x 14.5
TLD.2	POS/41	POS41	2.5 x 16	4 x 12.7
TLS.2	POS/41	POS41	2.5 x 16	4 x 12.7
RP.4	POS/43	POS43	3 x 20	4 x 16
SCB.4	POS/12	POS12	3x22	4x18

The modular test plugs make it possible to carry out the final check on terminal boards already wired or a simple derivation.

The tester is positioned directly in the housing of the terminal block like a normal test plug. The extreme simplicity of the modularity makes it possible to assemble the tester in a number of poles according to the various needs.



MODULAR TEST PLUGS FOR SCREW CLAMP TERMINAL BLOCKS

PART NUMBER TYPE	DD005 SDD/5	DD006 SDD/6	DD501 SD5/PT	DD601 SD6/PT
DESCRIPTION	pitch 5.5 mm. for terminal blocks type CBD.2	pitch 6.5 mm. for terminal blocks type CBD.4	closing element for SDD/5	closing element for SDD/6

PART NUMBER TYPE	DC005 SDC/5	DC006 SDC/6	DC05P SDC/5P	DC06P SDC/6P
DESCRIPTION	pitch 5 mm. for terminal blocks type CBC.2/GR	pitch 6 mm. for terminal blocks type CBC.4/GR	version to be used with PTC jumper	version to be used with PTC jumper

PART NUMBER TYPE	DC05V SDC/5V	DC06V SDC/6V	DCPOL SDC/POL
DESCRIPTION	intermediate distancing element	intermediate distancing element	polarising element



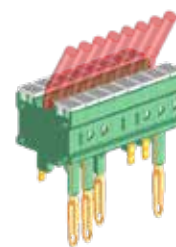
closing
element
SD.x/PT



SDC/6 once mounted



SDC/6-P once mounted



SDC/6 with cable composition

TEST PLUGS FOR SPRING-CLAMP TERMINAL BLOCKS

PART NUMBER TYPE	DH004 SDH/4	DH005 SDH/5	DH006 SDH/6	DH007 SDH/7
DESCRIPTION	pitch 4.2 mm for terminal blocks: HMM.1, HMM.1/1+2, HMM.1/2+2, HMD.1	pitch 5.2 mm for terminal blocks HMM.2 - HMM.2/1+2 - HMM.2/2+2 - HMD.2 - HMS.2 - HP.2 Series - HP.2/P	pitch 6.2 mm for HMM.4 terminal blocks	pitch 5.2 mm for terminal blocks HMD.2N/GR, HMD.2N/X/GR, HMD.2N/X1/GR

PART NUMBER TYPE	DH401 SH4/PT	DH501 SH5/PT
DESCRIPTION	closing element for SDH/4	closing element for SDH/5

PART NUMBER TYPE	DH601 SH6/PT	DH701 SH7/PT
DESCRIPTION	closing element for SDH/6	closing element for SDH/7



SDH

For measurements and checks on circuits which are related to the terminal boards,

the following special items can be supplied:

- insulated sockets (PSD) screwable onto the conductor body of the terminal blocks.
- plugs (SDD) of the bundle type, made of silver-plated brass.



TERMINAL BLOCK SERIES	SOCKET		INTERNAL SOCKET Ø (MM)	PLUG		PLUG Ø (MM)
	TYPE	PART NUMBER		TYPE	PART NUMBER	
CBC.16	PSD/B	PD002	4.05	SDD/2	DD002	4
CBC.35	PSD/B	PD002	4.05	SDD/2	DD002	4
CBD.2	PSD/D	PD004	2.35	SDD/1	DD001	2.3
CBD.4	PSD/A	PD001	2.35	SDD/1	DD001	2.3
CBD.6	PSD/N	PD013	2.35	SDD/1	DD001	2.3
CBD.10	PSD/B	PD002	4.05	SDD/2	DD002	4
CBD.16	PSD/B	PD002	4.05	SDD/2	DD002	4
CBD.35	PSD/B	PD002	4.05	SDD/2	DD002	4
CBD.50	PSD/C	PD003	4.05	SDD/2	DD002	4
CBD.70	PSD/C	PD003	4.05	SDD/2	DD002	4
CBR.2	PSD/K	PD011	2.35	SDD/1	DD001	2.3
CVF.4	PSD/A	PD001	2.35	SDD/1	DD001	2.3
DAS.4	PSD/A	PD001	2.35	SDD/1	DD001	2.3
FDP.2	-	-	-	SDD/1	DD001	2.3
FFS.4	PSD/A	PD001	2.35	SDD/1	DD001	2.3
FPC.10	-	-	-	SDD/2	DD002	4
FVS.4	PSD/A	PD001	2.35	SDD/1	DD001	2.3
HMD.2	-	-	-	SDD/1	DD001	2.3
HMM.2	-	-	-	SDD/1	DD001	2.3
HMM.2/1+2	-	-	-	SDD/1	DD001	2.3
HMM.2/2+2	-	-	-	SDD/1	DD001	2.3
HMM.2/1+2/S	-	-	-	SDD/1	DD001	2.3
HMM.2/2+2/S	-	-	-	SDD/1	DD001	2.3
HMM.4	-	-	-	SDD/1	DD001	2.3
HMM.4/1+2	-	-	-	SDD/1	DD001	2.3
HMM.4/2+2	-	-	-	SDD/1	DD001	2.3
HMM.6	-	-	-	SDD/1	DD001	2.3
HMM.10	-	-	-	SDD/1	DD001	2.3
HMM.16	-	-	-	SDD/1	DD001	2.3
HMS.2	-	-	-	SDD/1	DD001	2.3
HTE.2	-	-	-	SDD/1	DD001	2.3
HSCB.6	PSD/O	PD017	2.35	SDD/1	DD001	2.3
HTE.2/1+2	-	-	-	SDD/1	DD001	2.3
HTE.2/2+2	-	-	-	SDD/1	DD001	2.3
HTE.4	-	-	-	SDD/1	DD001	2.3
HTE.6	-	-	-	SDD/1	DD001	2.3
HVPC.2	-	-	-	SDD/1	DD001	2.3
MAC.6	-	-	-	SDD/1	DD001	2.3
RN.1	PSD/K	PD011	2.35	SDD/1	DD001	2.3
RN.2	PSD/A	PD001	2.35	SDD/1	DD001	2.3
RP.4	PSD/A	PD001	2.35	SDD/1	DD001	2.3
SCB.4	PSD/A	PD001	2.35	SDD/6-SDD/1	DD006-DD001	2.3
SCB.6	PSD/P	PD015	4.05	SDD/2	DD002	4
SCB.10	PSD/L	PD009	4.05	SDD/2	DD002	4
SFC.10	-	-	-	SDD/2	DD002	4
SFR.4	PSD/J	PD014	2.35	SDD/1	DD001	2.3
TDE.2	PSD/D	PD004	2.35	SDD/1	DD001	2.3
TLD.2	PSD/D	PD004	2.35	SDD/1	DD001	2.3
TLE.2	PSD/D	PD004	2.35	SDD/1	DD001	2.3
TLS.2	PSD/D	PD004	2.35	SDD/1	DD001	2.3

- CPF05 can be mounted on MPFA.4, DSFA.4 and HMFA.2 terminal blocks
- CPFE02 and CPFE04 can be mounted on EFS and EFDS series
- possible insertion of Ø 5 x 20 mm fuse (our type F5), with or without warning LED, diode (1 or 3 A), and other components (e.g. resistances)

(1) with fuse Ø 5 x 20 mm, 250 V, I_{max} = 6,3 A – with brass pin I_{max} = 10 A

(2) the height depends on the mounting on relative terminal blocks and the din rail (see table)



GREEN VERSION	PART NUMBER TYPE	CPF05	CPFE02	CPFE04
		CPF/5	CPFE/2	CPFE/4

TECHNICAL CHARACTERISTICS

Function/type		component holder cartridge	component holder cartridge	component holder cartridge
Electrical characteristics	Max AC/DC Voltage	320 (1)	630 (1)	630 (1)
According to European standard IEC EN 60947-7-1	Current with rated cross-section	6,3 (1)	6,3 (1)	6,3 (1)
	Section	-	-	-
Rated impulse withstand voltage/pollution degree		4 kV / 3	4 kV / 3	4 kV / 3
Width	(mm)	33	30	30
Length	(mm)	6	6	6
Height mounted on TH35/7,5	(mm)	(2)	(2)	(2)
Height mounted on TH35/15	(mm)	(2)	(2)	(2)
Height mounted on G32	(mm)	(2)	(2)	(2)
Insulation material temperature index [EN 60216-1]	(°C)	130	130	130
Plastic material		Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS



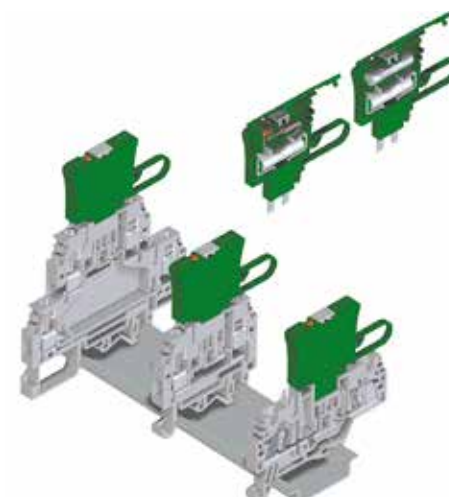
ACCESSORIES			
Marking tag	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Tinned brass conductor	CO/5 (cod. VL103)	-	-
Cartridge / insert with 1 A diode	SFR/I1A (cod. SF992)	SFR/I1A (cod. SF992)	SFR/I1A (cod. SF992)
Cartridge / insert with 3 A diode	SFR/I3A (cod. SF993)	SFR/I3A (cod. SF993)	SFR/I3A (cod. SF993)
LED circuit non-polarized	for voltage 12V 24V 48V AC/DC	CIL/12-24-48 (cod. SF518)	CIL/12-24-48 (cod. SF518)
	for voltage 115V 230V AC/DC	CIL/115-230 (cod. SF510)	CIL/115-230 (cod. SF510)
VERSIONS PROVIDED			
With non-polarized LED microcircuit 12 Vdc / Vac	CPF/5L12 (cod. CPF512)	-	-
With non-polarized LED microcircuit 24 Vdc / Vac	CPF/5L24 (cod. CPF524)	-	-
With non-polarized LED microcircuit 48 Vdc / Vac	CPF/5L48 (cod. CPF548)	-	-
With non-polarized LED microcircuit 115 Vdc / Vac	CPF/5L115 (cod. CPF511)	-	-
With non-polarized LED microcircuit 230 Vdc / Vac	CPF/5L230 (cod. CPF523)	-	-
With 1 A diode (1N4001 ÷ 1N4007 types)	CPF/5D1A (cod. CPF501)	-	-
With 3 A diode (BY255 type)	CPF/5D3A (cod. CPF503)	-	-
With resistor 1200 Ω (1 W ± 5%)	CPF/5R (cod. CPR05)	-	-

Terminal block	Height on rail TH/35 7.5 (mm)	Height on rail TH/35 15 (mm)	Height on rail G32 (mm)
HMFA.2	57	75	-
MPFA.4	75	83	79
DSFA.4	96	104	100
EFS.2	61.2	68.7	-
EFS.4	61.2	68.7	-
EFDS.2/GR	74	81.5	-
EFDS.2/1S/GR	74	81.5	-

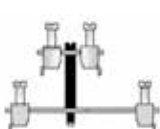
MAX. DISSIPATED POWER - IN CONF. WITH IEC 60947-7-3

Terminal block	Voltage [V] (*)	Current [A]	Protection against overload and short circuit		Only protection against short circuit	
			Single configuration (PV) - [W]	Composite configuration (PV) - [W]	Single configuration (PVK) - [W]	Composite configuration (PVK) - [W]
MPFA.4 + CPF/5	250	6.3	1.6	1.6	4	1.6
DSFA.4 + CPF/5	250	6.3	1.6	1.6	4	1.6
HMFA.2 + CPF/5	250	6.3	1.6	1.6	4	1.6

Mounting cartridges on adjacent terminals with a width of less than 6 mm, it is necessary to insert an end plate between each terminal due to the pitch difference between the terminal and the cartridge



TYPE	PART NUMBER		
SCB/6/ PO/2	SB203	Short circuit plate for two adjacent SCB.6 terminal blocks	
SCB/6/ PO/4	SB204	Short circuit plate for four adjacent SCB.6 terminal blocks	
HSCB/6/ PO/2	HB203	Short circuit plate for two adjacent HSCB.6 terminal blocks	
HSCB/6/ PO/4	HB204	Short circuit plate for four adjacent HSCB.6 terminal blocks	
SCB/4/ PO/2	SB303	Short circuit plate for two adjacent SCB.4 terminal blocks	
SCB/4/ PO/4	SB304	Short circuit plate for four adjacent SCB.4 terminal blocks	
SCX/PO/2	SC103	Short circuit plate for two adjacent SCX.10 terminal blocks	
SCX/PO/4	SC104	Short circuit plate for four adjacent SCX.10 terminal blocks	
FVS/VCI	FV107	Screw and sleeve to perform the internal link between the front and back conducting bodies of FVS.4 terminal block	
FVS/VCE	FV108	Screw and sleeve to perform the internal and external link between the front and back conducting bodies of FVS.4 terminal blocks.	

TYPE	PART NUMBER		
DAS/VCI	DS107	Screw and sleeve for internal connection between the front conductor body and the rear one of the DAS.4	
DAS/VCE	DS108	Screw and sleeve for internal connection between the front and rear conductor bodies and external connection between the conductor bodies of contiguous terminal blocks, for the DAS.4	
CO/5	VL103	Ø 5 x 20 mm - in brass for terminal block types: SFR.4 - SFR.6/M	
SFC/CO	FC102	Ø 6,3 x 32 mm - in brass for terminal block types: FPC.10 - SFC.10 - SFR.6 - with possible derivation by means of plug SDD/2	
CBD/SH	CB009	For the connection of the cable shielding - to be used on terminal blocks type CBD.2, 4, 6, 10.	
SCB/6/ CPM	SB205	Sleeve to be used with SCB/6/ PO link	
HSCB.6/ CPM	HB205	Sleeve to be used with HSCB/6/ PO link	
SCB/4/ CPM	SB305	Sleeve to be used with SCB/4/ PO link	
SCX/CPM	SC105	Sleeve to be used with SCX/PO link (*)	

(*) they are supplied mounted as in A. It is necessary to remove, as in pos. B, the one to introduce into the platelet slot, put it back and screw it onto the body of the terminal block.

According to the IEC 60127-2-1- standard with rapid burn-out for voltage 250 V. In small steatite tube filled with spark-quenching powder (interruption power 1500 A).



RATED CURRENT	Ø 5 X 20 MM FUSE WITHOUT MARKING		APPROVALS
	TYPE	PART NUMBER	
100 mA	F5/100 MA	FN001ST	-
200 mA	F5/200 MA	FN002ST	-
315 mA	F5/315 MA	FN003ST	-
500 mA	F5/500 MA	FN004ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
630 mA	F5/630 MA	FN005ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
1A	F5/1 A	FN006ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
1.6 A	F5/1.6 A	FN007ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
2A	F5/2 A	FN008ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
2.5 A	F5/2.5 A	FN009ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
3.15 A	F5/3.15 A	FN010ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
4A	F5/4 A	FN011ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
5A	F5/5 A	FN012ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
6.3 A	F5/6.3 A	FN013ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
8A	F5/8 A	FN014ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
10A	F5/10 A	FN015ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A
12A	F5/12 A	FN016ST	RINA 5/18/75 homologation - 220V - 50 Hz - 1500 A

LSN TORPEDO PILOT BULBS F5 FUSES

PART NUMBER	TECHNICAL CHARACTERISTIC
FL201	Festoon light bulb Ø 6 x 26 mm, with stabiliser resistance incorporated, for voltage between 12 V AC and 48 V AC, for use on FPL.10 terminal blocks.
FL202	Festoon light bulb Ø 6 x 26 mm, with stabiliser resistance incorporated, for voltage between 70 V AC and 380 V AC, for use on FPL.10 terminal blocks.
KIT1224	For SFR.6 and SFR.6/M terminal blocks.
KIT70380	For SFR.6 and SFR.6/M terminal blocks.



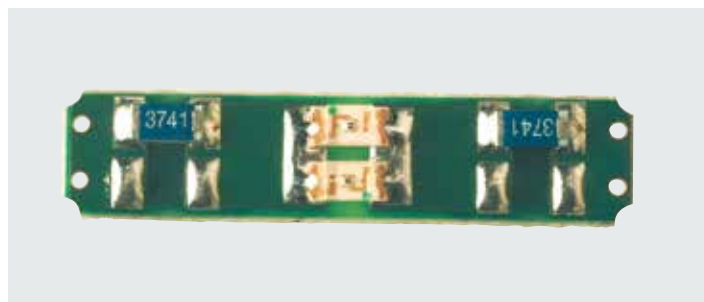
CIL SIGNAL CIRCUIT

For signalling the status of fuse-holder terminal blocks types SFR.4 - DSF.4 - FPL.10/C - HFR.4. Suitable for use in circuits powered both in D.C. and A.C. Each packet is supplied with:

- two contact blades
- one nonpolarized LED microcircuit
- one transparent protection.

The components are inserted inside the terminal block in this sequence

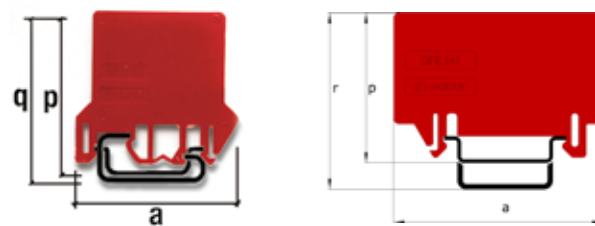
TYPE	PART NUMBER	RATED VOLTAGE [V DC - V AC]	CURRENT L R.M.S. [A] (*)
CIL/12-48	SF518	12-48	3.0 mA
CIL/115-230	SF510	115-230	2.3 mA
CIL/12-48	HF518	12-48	3.0 mA
CIL/115-230	HF510	115-230	2.3 mA



Made of red polyamide, thickness 1.5 mm, to be placed to separate the elements on the terminal board to enable easy identification of certain circuits or to increase the insulation distances between the terminal blocks. The partitions can also be used to increase the insulation distances between adjacent cross connections or multiple parallel platelets.

NOTE

(1) q dimension can be obtained by adding 4 mm to dimension p
 (2) r dimension can be obtained by adding 7.5 mm to dimension p

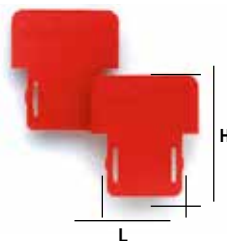


TERMINAL BLOCK SERIES	PARTITION TYPE	PART NUMBER	DIMENSIONS A X P
SCREW-CLAMP TERMINAL BLOCKS			
AF0.2/1+1	DFU/1/R	DU01R	52 x 51
AF0.2/2+2	DFU/1/R	DU01R	52 x 51
CBC.2	DFU/4/R	DU04R	52 x 62
CBC.4	DFU/4/R	DU04R	52 x 62
CBC.6	DFU/4/R	DU04R	52 x 62
CBC.10	DFU/4/R	DU04R	52 x 62
CBC.16	DFU/4/R	DU04R	52 x 62
CBC.35	DFU/5/R	DU05R	62 x 68
CBD.2	DFU/1/R	DU01R	52 x 51
CBD.4	DFU/4/R	DU04R	52 x 62
CBD.6	DFU/4/R	DU04R	52 x 62
CBD.10	DFU/4/R	DU04R	52 x 62
CBD.16	DFU/4/R	DU04R	52 x 62
CBD.35	DFU/5/R	DU05R	62 x 68
CBD.50	DFU/5/R	DU05R	62 x 68
CBD.70	DFU/6/R	DU06R	72 x 74
CBE.2	DFU/4/R	DU04R	52 x 62
CBR.2	DFU/4/R	DU04R	52 x 62
CVF.4	DFU/3/R	DU03R	68 x 57
DAS.4	DFU/7/R	DU07R	80 x 64
DBC.2	DFU/7/R	DU07R	80 x 64
DSF.4	DFU/7/R	DU07R	80 x 64
DSFA.4	DFU/7/R	DU07R	80 x 64
DSS.4	DFU/7/R	DU07R	80 x 64
FDP.2	DFU/5/R	DU05R	62 x 68
FPC.10	DFU/6/R	DU06R	72 x 74
FPL.1	DFU/6/R	DU06R	72 x 74
FVS.4	DFU/6/R	DU06R	72 x 74
MPFA.4	DFU/3/R	DU03R	68 x 57
PDF.2	DFU/5/R	DU05R	62 x 68
RN.1	DFP/2/R	DFP2R	37 x 38
RN.2	DFP/2/R	DFP2R	37 x 38
RP.4	DFP/2/R	DFP2R	37 x 38
SCB.4	DFU/3/R	DU03R	68 x 57
SCB.6	DFU/6/R	DU06R	72 x 74
SCB.6/DD	DFU/6/R	DU06R	72 x 74
SCB.10	DFU/7/R	DU07R	80 x 64
SCB.10/CD	DFU/7/R	DU07R	80 x 64
SCB.10/DD	DFU/7/R	DU07R	80 x 64
SCB.6/CD	DFU/6/R	DU06R	72 x 74
SFR.4	DFU/3/R	DU03R	68 x 57
SFR.6	DFU/7/R	DU07R	80 x 64
TC/PO	DFU/1/R	DU01R	52 x 51
TDE.2	DFU/3/R	DU03R	68 x 57
TLD.2	DFU/3/R	DU03R	68 x 57
TLE.2	DFU/3/R	DU03R	68 x 57
TLS.2	DFU/3/R	DU03R	68 x 57
VPC.2	DFU/5/R	DU05R	62 x 68
VPD.2	DFU/7/R	DU07R	80 x 64
HCD.1	DFU/7/R	DU07R	80 x 64
HMD.2	DFH/4/R	DH04R	97 x 51.5
HFR.4	DFH/4/R	DH04R	97 x 51.5
HMAF.2	DFH/2/R	DH02R	76 x 42.5

TERMINAL BLOCK SERIES	PARTITION TYPE	PART NUMBER	DIMENSIONS A X P
SPRING-CLAMP TERMINAL BLOCKS			
HMM.2	DFH/1/R	DH01R	64 x 42.5
HMM.2/1+2	DFH/2/R	DH02R	76 x 42.5
HMM.2/2+2	DFH/3/R	DH03R	88 x 42.5
HMM.2/2+2/S	DFH/3/R	DH03R	88 x 42.5
HMM.4	DFH/1/R	DH01R	64 x 42.5
HMM.4/1+2	DFH/4/R	DH04R	97 x 51.5
HMM.4/2+2	DFH/4/R	DH04R	97 x 51.5
HMM.6	DFH/1/R	DH01R	64 x 42.5
HMM.10	DFH/4/R	DH04R	97 x 51.5
HMM.16	DFH/4/R	DH04R	97 x 51.5
HVPC.2	DFH/1/R	DH01R	64 x 42.5
HMS.2	DFH/2/R	DH02R	76 x 42.5
HPP.2	DFP/2/R	DFP2R	37 x 38
HPP.2/P	DFP/2/R	DFP2R	37 x 38
HTE.2	DFH/1/R	DH01R	64 x 42.5
HTE.2/1+1	DFH/2/R	DH02R	76 x 42.5
HTE.2/2+2	DFH/3/R	DH03R	88 x 42.5
HTE.4	DFH/1/R	DH01R	64 x 42.5
HTE.6	DFH/1/R	DH01R	64 x 42.5
HMM.1	DFH/1/R	DH01R	64 x 42.5
HMM.1/1+2	DFH/2/R	DH02R	76 x 42.5
HMM.1/2+2	DFH/3/R	DH03R	88 x 42.5
HMD.1	DFU/7/R	DU07R	80 x 64
HMD.2N	DFU/7/R	DU07R	80 x 64
HMM.2/1+2/S	DFH/2/R	DH02R	76 x 42.5
HSCB.4	DFH/4/R	DH04R	97 x 51.5
HTE.1	DFH/1/R	DH01R	64 x 42.5
HTE.1/1+2	DFH/2/R	DH02R	76 x 42.5
HTE.1/2+2	DFH/3/R	DH03R	88 x 42.5
EFC.2	DFE.1+1/R	DFE01R	59.2 x 42.5
EFC.2/1+2	DFE.1+2/R	DFE02R	75.8 x 42.5
EFC.2/2+2	DFE.2+2/R	DFE03R	92.4 x 42.5
EFCE.2	DFE.1+1/R	DFE01R	59.2 x 42.5

TERMINAL BLOCK SERIES	PARTITION TYPE	PART NUMBER	DIMENSIONS A X P
EFC TERMINAL BLOCKS			
EFCE.2/1+2	DFE.1+2/R	DFE02R	75.8 x 42.5
EFCE.2/2+2	DFE.2+2/R	DFE03R	92.4 x 42.5
EFC.4	DFE.1+1/R	DFE01R	59.2 x 42.5
EFC.4/1+2	DFE.1+2/R	DFE02R	75.8 x 42.5
EFC.4/2+2	DFE.2+2/R	DFE03R	92.4 x 42.5
EFCE.4	DFE.1+1/R	DFE01R	59.2 x 42.5
EFCE.4/1+2	DFE.1+2/R	DFE02R	75.8 x 42.5
EFCE.4/2+2	DFE.2+2/R	DFE03R	92.4 x 42.5
efd.2	DFE.2P/R	DFE04R	84.7 x 59.5
efd.2/CI	DFE.2P/R	DFE04R	84.7 x 59.5
efd.2/E	DFE.2P/R	DFE04R	84.7 x 59.5
efd.4	DFE.2P/R	DFE04R	84.7 x 59.5
efd.4/CI	DFE.2P/R	DFE04R	84.7 x 59.5
efd.4/E	DFE.2P/R	DFE04R	84.7 x 59.5
efde.2	DFE.2P/R	DFE04R	84.7 x 59.5
efde.4	DFE.2P/R	DFE04R	84.7 x 59.5
eff.4	DFE.1+1/R	DFE01R	59.2 x 42.5
eff.4/C48	DFE.1+1/R	DFE01R	59.2 x 42.5
eff.4/C230	DFE.1+1/R	DFE01R	59.2 x 42.5
efs.2	DFE.1+1/R	DFE01R	59.2 x 42.5
efs.4	DFE.1+1/R	DFE01R	59.2 x 42.5
EFT.2	-	-	-
EFTE.2	-	-	-
EFT.2/S	DFH/4/R	DH04R	97 x 51.5
EFDS.2	-	-	-
EFDS.2/IS	-	-	-
EFDS.2/P	-	-	-

Made of red polyamide, indispensable for **guaranteeing the insulation distance between fixed or switchable cross connections** inserted between adjacent pairs of terminal blocks and, in the same way, between **multiple parallel platelets**, inserted between adjacent groups of terminal blocks.



TERMINAL BLOCK SERIES	PARTITION		DIMENSIONS L x H	THICKNESS MM
	TYPE	PART NUMBER		
CBC.2	DFM/900	DF900	17 x 18	0.5
CBC.2	DFM/800	DF800	17 x 18	0.5
CBC.4	DFM/900	DF900	17 x 18	0.5
CBC.4	DFM/800	DF800	17 x 18	0.5
CBC.6	DFM/900	DF900	17 x 18	0.5
CBC.6	DFM/800	DF800	17 x 18	0.5
CBC.10	DFM/900	DF900	17 x 18	0.5
CBC.10	DFM/800	DF800	17 x 18	0.5
CBC.16	DFM/700	DF700	28 x 32	0.5
CBC.35	DFM/700	DF700	28 x 32	0.5
CBD.2	DFM/600	DF600	24 x 31	0.5
CBD.4	DFM/600	DF600	24 x 31	0.5
CBD.6	DFM/600	DF600	24 x 31	0.5
CBD.10	DFM/700	DF700	28 x 32	0.5
CBD.16	DFM/700	DF700	28 x 32	0.5
CBD.35	DFM/700	DF700	28 x 32	0.5
CBD.50	DFM/700	DF700	28 x 32	0.5
CBD.70	DFM/700	DF700	28 x 32	0.5
DBC.2	DFM/900	DF900	17 x 18	0.5
DBC.2	DFM/800	DF800	17 x 18	0.5
DBC.2	DFM/500	DF500	4.6 x 13.5	0.5
DSS.4	DFM/500	DF500	4.6 x 13.5	0.5
DSFA.4	DFM/500	DF500	4.6 x 13.5	0.5
HDE.2	DFM/500	DF500	4.6x13.5	0.5
HLD.2	DFM/500	DF500	4.6x13.5	0.5
HMM.1	DFM/500	DF500	4.6 x 13.5	0.5
HMM.1/1+2	DFM/500	DF500	4.6 x 13.5	0.5
HMM.1/2+2	DFM/500	DF500	4.6 x 13.5	0.5
HMD.1	DFM/500	DF500	4.6 x 13.5	0.5
HMD.2/N	DFM/500	DF500	4.6 x 13.5	0.5
MPS.4	DFM/500	DF500	4.6 x 13.5	0.5
MPFA.4	DFM/500	DF500	4.6 x 13.5	0.5
TLD.2	DFM/400	DF400	10 x 18	0.5
TLS.2	DFM/400	DF400	10 x 18	0.5
VPC.2	DFM/300	DF300	9.4 x 12.9	0.4
VPD.2	DFM/300	DF300	9.4 x 12.9	0.4

For protecting from accidental contacts or tampering CDA and ACB Series terminal blocks.
Made of self-extinguishing and transparent material of thickness 2.3 mm and fixed length 200 mm (corresponding to the total width of the four terminal blocks side-by-side).

The covers are available in three sizes:

- **PRT/P** 22 x 125 mm (Cat.No. PRT01)
for protecting ACB/BB terminal blocks
- **PRT/M 50** 50 x 125 mm (Cat.No. PRT02)
for protecting ACB/CC terminal blocks
- **PRT/G 85** 85 x 125 mm (Cat.No. PRT03)
to be used when the conductors come from the backboard, or in order to protect a connection point not yet connected.

The PRT covers must be inserted on SPS supports, made of self-extinguishing ABS / class UL94V-0, thickness 5 mm, interposed between contiguous terminal blocks. Protection of the four terminal blocks side-by-side is achieved by means of overlapping coupling of two PRTs.

Note:

The ID Cat. No. (i.e. PRT01) is referred to a single item.

(*) height including rail



PZM.4 COVER

(a = 64+2 mm / b = 32 mm)

Cat. No. **PZ330**

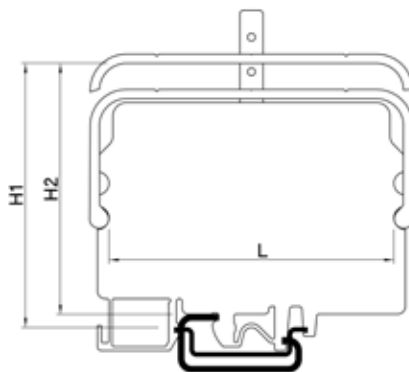
For terminal blocks **of size up to approximately 58 mm** (including rail).

To be mounted with **PZD.4/SO supports** (Cat. No. PZ331)

Maximum size PZM.4 + PZD.4/SO

- on rail IEC 60715/G32 = 70 or 82 mm (*)
- on rail IEC 60715/TH35 = 65 or 77 mm (*)

(*) depending on the notches used, upper or lower.



	H1	H2	L
PZD.4 + PZM.5	60	57	56
PZD.6 + PZM.6	68	65	74
PZD.10 + PZM.6	61	-	76

PZM.6 COVER

(a = 85+2 mm / b = 36 mm)

Cat. No. **PZ110**

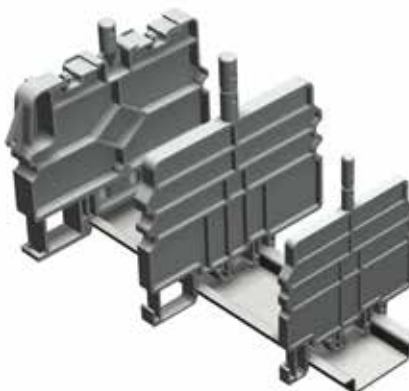
For terminal blocks **of size of more than approximately 58 mm** (including rail).

To be mounted with **PZD.6/SO supports** (Cat. No. PZ112)

Maximum size PZM.6 + PZD.6/SO

- on rail IEC 60715/G32 = 82 or 94 mm (*)
- on rail IEC 60715/TH35 = 78 or 90 mm (*)

(*) depending on the notches used, upper or lower.



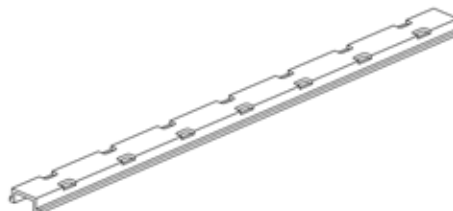
PZD.4/SO - PZD.6/SO supports

Made of **PVC** for protecting from accidental contacts or tampering terminal blocks up to a section of 70 mm².

They are supplied in 2 m lengths and are to be mounted on specific polyamide supports, insertable on PR/DIN and PR/3 support rails, types "G32" and TH/35. They can be made unmovable with sealing of the support appendices.

PRP PROTECTIONS

The cross connection, made up of the PMP multiple commoning bar and CPM screws and sleeves, already located in a position further back with respect to the front of the terminal board, can be further protected against accidental contacts, by means of a U-shaped cover, made of polyamide, with a standard length of 10 cm. The above protection, which is white, can also be used to write words or make reference markings of the terminal board. Special slots are provided on the protection to make it easy to remove using a screwdriver.



PRP Protections

for terminal blocks of cross section 2.5-4 mm ²	PRP/6	Cat. No. PRP06
for terminal blocks of cross section 4-16 mm ²	PRP/7	Cat. No. PRP07
for terminal blocks of cross section 25-70 mm ²	PRP/8	Cat. No. PRP08
for TLD.2-TLS.2-CBR.2-DAS.4-TLE.2-TDE.2 terminal blocks	PRP/5 (red, blue, white)	Cat. No. PRP05

Made of self-extinguishing material, capable of guarantee the maximum safety of work on terminal boards connected to circuits that are always live. Bearing warning signals and notices, fixable to the terminal blocks by means of two nylon insulating screws, they are available in models of different sizes, according to the type of terminal block. The cover can be tripolar or quadripolar; in some cases the tripolar is made removing a pre-cut part of the quadripolar cover For CBC. 2-4-6-10 terminal blocks the PRP/7/G is supplied; this is without screws, to be inserted in the channels of the cross connections.



TERMINAL BLOCK	WARNING PLATE FOR 3 TERMINAL BLOCKS		L X H MM	WARNING PLATE FOR 4 TERMINAL BLOCKS		L X H MM	SCREW M X L (MM)
	TYPE	PART NUMBER		TYPE	PART NUMBER		
CBC.2	PRP/7/G	PRP070G	l = 100	PRP/7/G	PRP070G	100	-
CBC.4	PRP/7/G	PRP070G	l = 100	PRP/7/G	PRP070G	100	-
CBC.6	PRP/7/G	PRP070G	l = 100	PRP/7/G	PRP070G	100	-
CBC.10	PRP/7/G	PRP070G	l = 100	PRP/7/G	PRP070G	100	-
CBC.16	TUM/16	TUM16	48 x 34	TUM/16	TUM16	48 x 34	4 x 30
CBC.35	TUM/06	TUM06	63 x 34	TUM/06	TUM06	63 x 34	4 x 30
CBD.2	-	-	-	TQM/02	TQM02	25 x 26	2.5 x 20
CBD.4	TTM/12	TTM12	25 x 26	TTM/12	TTM12	25 x 26	3 x 25
CBD.6	TTM/15	TTM15	25 x 26	TTM/15	TTM15	32 x 26	3.5 x 25
CBD.10	TTM/04	TTM04	32 x 26	TQM/04	TQM04	40 x 26	4 x 25
CBD.16	TUM/05	TUM05	48 x 34	TUM/05	TUM05	48 x 34	4 x 25
CBD.35	TUM/06	TUM06	63 x 34	TUM/06	TUM06	63 x 34	4 x 30
CBD.50	TUM/07	TUM07	72 x 42	TUM/07	TUM07	72 x 42	5 x 30
CBD.70	TUM/08	TUM08	82 x 42	TUM/08	TUM08	82 x 42	5 x 40

[*] to be cut to size

TAI

Possible danger status may be marked using **special triangular self-adhesive labels**

TAI/6 (Cat. No. TA001)
TAI/12 (Cat. No. TA002)

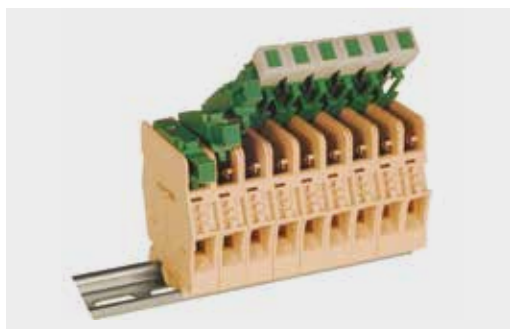
to be applied on the protection covers and channels.



MSM HANDLE

For simultaneous switching of several FPL.10 and SFL.10 terminal blocks side-by-side.
Supplied in strips of 6 elements.

MSM (Cat. No. FC103)



- Possibility of marking 2- and 3-level terminal blocks
- High visibility of the marking
- Available in the 2- and 3-tag version
- Reduced vertical size thanks to high flexibility
- Compatible with all the 2- and 3-level terminal blocks
- Available in grey



VERSION	PART NUMBER TYPE	TH02 TH/2	TH03 TH/3
TECHNICAL CHARACTERISTICS			
function/type		tag holder	tag holder
vertical size	(mm)	19	21
width	(mm)	18	29
thickness	(mm)	4.7	4.7
Cabur Jet Usable identification cards Smart Print		C/NU/8/51 (cod. NU0851)	C/NU/8/51 (cod. NU0851)
		C/NU/8/61 (cod. NU0861)	C/NU/8/61 (cod. NU0861)
		C/NU/10/51 (cod. NU1051)	C/NU/10/51 (cod. NU1051)
		C/NU/10/61 (cod. NU1061)	C/NU/10/61 (cod. NU1061)
		C/NU/10/51 (cod. NU1055)	C/NU/10/51 (cod. NU1055)
		C/NU/10/65 (cod. NU1065)	C/NU/10/65 (cod. NU1065)
		C/NU/8/51 (cod. NU0851S)	C/NU/8/51 (cod. NU0851S)
		C/NU/10/51 (cod. NU1051S)	C/NU/10/51 (cod. NU1051S)
		C/NU/10/61 (cod. NU1061S)	C/NU/10/61 (cod. NU1061S)
Quantity per pack	(pieces)	50	50

Screwdrivers to activate springs - terminal blocks Series: H
The ergonomic handle guarantees comfort for the entire duration of the work. In addition, each handle has a transparent anti-slip rubber insert, which ensures a good hold over the tool.

PART NUMBER	DESCRIPTION	LENGTH
CCH02	0.5 x 3 x 80 mm	160 mm
CCH06	1 x 5.5 x 125 mm	220 mm



CCH/2,5-4



CCH/6

Insulated screwdrivers for voltage up to 1,000 V
The ergonomic handle guarantees comfort for the entire duration of the work. In addition, each handle has a transparent anti-slip rubber insert, which ensures a good hold over the tool.

PART NUMBER	DESCRIPTION	LENGTH
CCV03	0.4 x 2.5 x 75 mm	160 mm
CCV04	0.8 x 4 x 100 mm	195 mm
CCV05	1 x 5.5 x 125 mm	220 mm



CCV/2,5



CCV/4

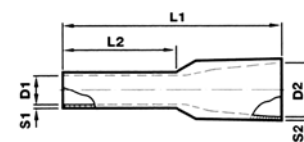


CCV/5

Terminals with sleeves and insulated collars

Series: WP

To connect wires, a complete line of terminals with sleeves, single slot.
Tin-plated electrolytic copper sleeve, insulated with polypropylene.



PART NUMBER	TYPE	DESCRIPTION	COLOUR	SECTION [mm ²]	D1 [mm]	D2 [mm]	D3 [mm]	L1 [mm]	L2 [mm]	S1 [mm]	S2 [mm]	PCS PKG
WP30002	WP5/14	Terminal block 0.5-14 x 8	White	0,5	1	2,6	-	14	8	0,15	0,25	500
WP30003	WP5/16	Terminal block 0.5-16 x 10	White	0,5	1	2,6	-	16	10	0,15	0,25	500
WP30005	WP75/14	Terminal block 0.75-14 x 8	Grey	0,75	1,2	2,8	-	14	8	0,15	0,25	500
WP30006	WP75/16	Terminal block 0.75-16 x 10	Grey	0,75	1,2	2,8	-	16	10	0,15	0,25	500
WP30009	WP1/14	Terminal block 1-14 x 8	Red	1	1,4	3	-	14	8	0,15	0,25	500
WP30010	WP1/18	Terminal block 1-18 x 12	Red	1	1,4	3	-	18	12	0,15	0,25	500
WP30013	WP15/14	Terminal block 1.5-14 x 8	Black	1,5	1,7	3,5	-	14	8	0,15	0,25	500
WP30014	WP15/18	Terminal block 1.5-18 x 12	Black	1,5	1,7	3,5	-	18	12	0,15	0,25	500
WP30016	WP25/14	Terminal block 2.5-14 x 8	Blue	2,5	2,2	4,2	-	15	8	0,15	0,25	500
WP30017	WP25/19	Terminal block 2.5-19 x 12	Blue	2,5	2,2	4,2	-	19	12	0,15	0,25	500
WP30019	WP40/16	Terminal block 4.0-16 x 8	Grey	4	2,8	4,8	-	16	8	0,2	0,3	500
WP30020	WP40/20	Terminal block 4.0-20 x 12	Grey	4	2,8	4,8	-	20	12	0,2	0,3	500
WP30022	WP60/20	Terminal block 6.0-20 x 12	Yellow	6	3,5	6,3	-	20	12	0,2	0,3	100
WP30023	WP60/26	Terminal block 6.0-26 x 18	Yellow	6	3,5	6,3	-	26	18	0,2	0,3	100
WP30024	WP100/21	Terminal block 10-22 x 12	Red	10	4,5	7,6	-	22	12	0,2	0,4	100
WP30025	WP100/28	Terminal block 100-28 x 18	Red	10	4,5	7,6	-	28	18	0,2	0,4	100
WP30026	WP160/22	Terminal block 16-22 x 12	Blue	16	5,8	8,8	-	22	12	0,2	0,4	100
WP30027	WP160/28	Terminal block 160-28 x 18	Blue	16	5,8	8,8	-	28	18	0,2	0,4	100
WP30028	WP250/30	Terminal block 25-30 x 16	Yellow	25	7,3	11,2	-	30	16	0,2	0,4	50
WP30029	WP250/36	Terminal block 250-36 x 22	Yellow	25	7,3	11,2	-	36	22	0,2	0,4	50
WP30030	WP350/30	Terminal block 35-30 x 16	Red	35	8,3	12,7	-	30	16	0,2	0,4	50
WP30031	WP350/39	Terminal block 350-39 x 25	Red	35	8,3	12,7	-	39	25	0,2	0,4	50
WP30032	WP500/40	Terminal block 50-36 x 20	Blue	50	10,3	15	-	36	20	0,3	0,5	50
WP30033	WP500/41	Terminal block 500-41 x 25	Blue	50	10,3	15	-	41	25	0,3	0,5	50

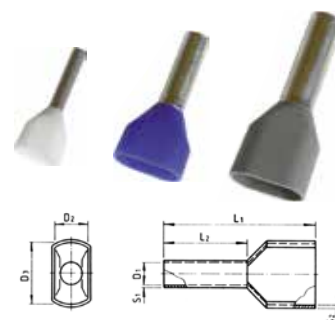
Terminals with sleeves and insulated collars

Series: WP

The double slot series is made of tin-plated electrolytic copper with the insulated part in polypropylene, resistant up to 105°C.

These terminals were designed for use in connections where a quick and safe connection is required. In fact, the current trend towards miniaturisation of electrical equipment makes these terminals particularly useful and economical.

The special large housing slot is easily able to hold the bulk created by two wires.



PART NUMBER	DESCRIPTION	COLOUR	SECTION	D1	D2	D3	L1	L2	S1	S2	PCS PKG
			mm ²	mm	mm	mm	mm	mm	mm	mm	
WP90001	-	white	2,0 x 0,5	1,1,5	2,5	4,7	15,7	8,7	0,15	0,3	500
WP90002	-	grey	2,0 x 0,75	1,8	2,8	5,0	15,5	8,9	0,15	0,3	500
WP90003	-	red	2,0 x 1,0	2,3	3,2	5,5	15,8	8,0	0,15	0,3	500
WP90004	-	black	2,0 x 1,5	2,3	3,5	6,5	16,0	8,0	0,15	0,3	500
WP90005	-	blue	2,0 x 2,5	2,9	4,3	7,5	18,3	10,0	0,20	0,4	500
WP90006	-	grey	2,0 x 4,0	3,8	4,9	8,8	23,3	12,5	0,20	0,4	100
WP90007	-	yellow	2,0 x 6,0	-	-	-	-	12	-	-	100
WP90008	-	red	2,0 x 10	-	-	-	-	14	-	-	100

Terminals with uninsulated sleeves

Made of tin-plated electrolytic copper.



PART NUMBER	DESCRIPTION	SECTION	LENGTH	PCS PKG
WPN10508	uninsulated terminal block 0.5-8	0,5	8	1000
WPN10758	uninsulated terminal block 0.75-8	0,75	8	1000
WPN11010	uninsulated terminal block 1-10	1	10	1000
WPN11510	uninsulated terminal block 1.5-10	1,5	10	1000
WPN12510	uninsulated terminal block 2.5-10	2,5	10	1,000*
WPN14012	uninsulated terminal block 4.0-12	4	12	1000**
WPN16012	uninsulated terminal block 6.0-12	6	12	500
WPN11015	uninsulated terminal block 10-15	10	15	500
WPN11615	uninsulated terminal block 16-15	16	15	500
WPN12515	uninsulated terminal block 25-15	25	15	250

Note1: * appropriate for use with Cabur CBC.2 terminal blocks

Note2: ** appropriate for use with Cabur CBC.4 terminal blocks

Tin-plated copper eyelets, with PVC insulation



Eyelets

PART NUMBER	TYPE	COLOUR	SECTION	PITCH	PCS PKG
WPO4020	eyelet	red	1,5	M3.5	100
WPO4021	eyelet	red	1,5	M4	100
WPO4022	eyelet	red	1,5	M5	100
WPO4023	eyelet	red	1,5	M6	100
WPO4024	eyelet	red	1,5	M8	100
WPO4025	eyelet	red	1,5	M10	100
WPO4026	eyelet	blue	2,5	M3	100
WPO4027	eyelet	blue	2,5	M3.5M	100
WPO4028	eyelet	blue	2,5	M4	100
WPO4029	eyelet	blue	2,5	M5	100
WPO4030	eyelet	blue	2,5	M6	100
WPO4031	eyelet	blue	2,5	M8	100
WPO4032	eyelet	blue	2,5	M10	100
WPO4033	eyelet	yellow	4,0	M4	100
WPO4034	eyelet	yellow	4,0	M5	100
WPO4035	eyelet	yellow	4,0	M6	100
WPO4036	eyelet	yellow	4,0	M8	100
WPO4037	eyelet	yellow	4,0	M10	100
WPO4038	eyelet	yellow	4,0	M12	100
WPO4039	eyelet	yellow	6,0	M4	100
WPO4040	eyelet	yellow	6,0	M5	100
WPO4041	eyelet	yellow	6,0	M6	100
WPO4042	eyelet	yellow	6,0	M8	100
WPO4043	eyelet	yellow	6,0	M10	100
WPO4044	eyelet	yellow	6,0	M12	100

Tin-plated copper forks, with PVC insulation



Forks

PART NUMBER	TYPE	COLOUR	SECTION	PITCH	PCS PKG
WPF5016	fork	red	1,5	M3	100
WPF5017	fork	red	1,5	M3.5	100
WPF5018	fork	red	1,5	M4	100
WPF5019	fork	red	1,5	M5	100
WPF5020	fork	red	1,5	M6	100
WPF5021	fork	blue	2,5	M3	100
WPF5022	fork	blue	2,5	M3.5	100
WPF5023	fork	blue	2,5	M4	100
WPF5024	fork	blue	2,5	M5	100
WPF5025	fork	blue	2,5	M6	100
WPF5026	fork	yellow	4,0	M4	100
WPF5027	fork	yellow	4,0	M5	100
WPF5028	fork	yellow	4,0	M6	100
WPF5029	fork	yellow	4,0	M8	100
WPF5030	fork	yellow	6,0	M4	100
WPF5031	fork	yellow	6,0	M4	100
WPF5032	fork	yellow	6,0	M6	100
WPF5033	fork	yellow	6,0	M8	100

Industrial Marking System (extract from full catalogue)

Part number: SMARTPRINTPLUS

Marking: SMARTPRINTPLUS

The new printer SmartPrint Plus with thermal transfer technology is Cabur's answer to the many different needs in the world of industrial marking. Ideal for identifying terminal blocks, cables and electrical components. It is characterized by an attractive and functional design that makes immediate, simple and intuitive use and it is lighter and more manageable thanks to a new ultra-resistant ABS thermoplastic polymer shell.

Reliable, versatile, precise and fast SmartPrint Plus allows to create high resolution prints for excellent quality and long-lasting markings.

With SmartPrint Plus you can print up to 100 tags in 6 seconds, identify terminal blocks made by Cabur and other manufacturers, single cables or bundles, buttons, electrical components and carry out the complete marking of the outside panel. Ribbons are the longest on the market, with a highly competitive price. The installation of the MarKing Pro XT software and the SmartPrint Plus printer on WINDOWS systems starting from WIN7 up to WIN10 is quick and easy and in seconds the printer will be ready for use.

The Multi-Page printing function allows to manage the printer directly by the buttons onboard the machine and allows easier and more practical use without having a PC nearby; the new multi-plate function allows to launch all the prints from pc at once and manage them directly from the printer, making the printing process faster and easier.

Equipped with a display and two control keys, SmartPrint enables the printing of alphanumeric texts, logos and graphic symbols on numerous marking media:

- sleeve tags to identify wires
- adhesive cable marking labels
- tags for terminal blocks
- tags for push-buttons
- tags for contactors/PLCs;
- modular strips for electrical distribution panels
- panel identification tags.



TECHNICAL DATA

Part Number	SMARTPRINTPLUS
Dimensions (DxLxH)	250 x 250 x 380 mm
Weight	9,5 kg
Display	LCD
Interface	USB 2.0
Resolution	300x600 dpi
Print Speed	19 mm/seconds
Windows support	Microsoft® Windows™ 7 or later
Power supply voltage	100-240Vac 50-60Hz
Current	1,5 A
Working temperature	+5°C +40°C
Print area	105 mm x 140 mm
Ribbon	high strength resin
Ribbon colours	Black, Blue, Red, Green, White

THE PACKAGE INCLUDES

1 SmartPrint Plus printer
1 USB cable
1 Power cable
1 Power supply
1 Ribbon code RSP300BK
1 MarKing Pro XT Software, complete with user manual in electronic format
1 Plate Kit made up of •
• 1 PLT06 support plate for cable tags code NUT12S/NUT18S;
• 1 PLT01 support plate for FLAT series tags code NUT FL-TAP-TAV-TAM - TMM - SIM

Code: SMARTROLLPLUS

Marking: SMARTROLLPLUS

The new thermal transfer printer SmartRoll Plus is the quickest and easiest solution to guarantee fast production of labels, in roll version, perfectly defined thanks to its 300 dpi resolution.

In addition to printing speed, SmartRoll Plus also guarantees fast consumable replacement and is designed for high print volumes, adapting to any working environment.

Precise in all details, it guarantees maximum silence during performance.

Equipped with a colour touch screen display, it is the ideal solution for continuous and fast printing on
tube cards for cable identification
adhesive cable marker labels
contactor/contacter tags

SmartRoll Plus, with its built-in Ethernet socket, can be shared online and used in parallel by multiple PCs, creating jobs with the dedicated Marking Pro XT software which requires no licence.



TECHNICAL DATA

Code	SMARTROLLPLUS
Dimensions	252 mm x 460 mm x 288 mm
Weight	10 kg
Display	Color display touch
Interfaces	USB 2.0, internal Ethernet, RS-232-C
Resolution	300 dpi
Printing speed	up to 300 mm/sec
Windows support	Vista, 7, 8, 8.1, 10, 11
Exercise temperature	5° / 40° C
Print area	108.4 mm
Ribbon	high resistance resin

PACK INCLUDE

- 1 Smartroll Plus printer
- 1 USB cable
- 1 alimentation cable
- 1 Marking Pro XT software with user manual includes
- 1 300m black ribbon RSR300BK

Part number: CABURJET - ID code: CABURJET

The CaburJet inkjet printer has a smaller size to reduce bulk and offers an innovative design, aimed at making it fast and easy to use, with no maintenance problems.

It's the ideal solution for continuous, automatic, and fast printing of:

- sleeve tags to identify wires
- tags for terminal blocks;
- tags for push-buttons;
- tags for contactors;
- modular strips for electrical distribution panels
- panel identification tags.
- **MarKing Pro** management software

This is a highly innovative solution, created to meet multiple needs **in the industrial field**, at a competitive price.

The printer has an automatic integrated feeder (SEPARATOR), which accepts all of the above mentioned products - even mixed. It is also possible to print on individual stems by simply placing them at the bottom of the feeder like a normal sheet of paper.

The feeder can hold 50 cards for a total of 3,000 NUT12 series tags (tags for 12 mm long sleeves).

After just an hour of printing, 24,000 tags are ready for use. The material used (self-extinguishing polycarbonate) for production of the cards, together with the ink, means that the card can be used almost immediately after printing, and is indelible in accordance with CEI 16-7.



TECHNICAL DATA

Print technology	monochromatic inkjet printing
Interface	USB 2.0
Resolution	360 Dpi
Ink	refillable bottles
Print Speed	24,000 tags per hour
Windows support	for PC systems with Windows 98 SP2 and later
Dimensions (LxWxH)	330 x 370 x 220 mm
Weight	approx. 12 Kg.
Electricity consumption	during printing, 24W max. with compressor on, 35W
Power supply voltage	115-230V

THE PACKAGE INCLUDES:

- 1 CaburJet printer
- 1 USB cable
- 1 Power cable
- 2 80 ml bottle of ink
- 1 250 ml bottle of cleaner
- 1 copy of MarKing Pro software; including a licence for 5 installations, and a digital user manual



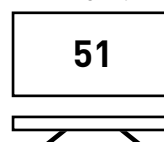
CNU/8/51 for HORIZONTAL and VERTICAL printing

- Marking tags suitable for marking all types of terminal blocks (screw-tightening and spring-clamp) in tables of 100 elements in packs of 500 tags
- In white polycarbonate with black printing, to be applied directly into position either before or after preparing the rail assembly.
- **Tag dimensions: 8 x 5.1 mm. Pitch on CBC.2 and HMM.2/GR.**
- **Mounting of single tag on all Cabur terminal blocks.**

CODE FOR TAGS WITH VERTICAL NUMBERS	CODE FOR TAGS WITH HORIZONTAL NUMBERS	DESCRIPTION	CHARACTER	QUANTITY PK.
NU0851S	NU0851S	TAGS BLANK	-	1500
NU0851001V	NU0851001	TAG.NO. 1 to 50	1 - 50	500
NU0851010V	NU0851010	TAG.NO. 10	10	500
NU0851011V	NU0851011	TAG. NO. 11	11	500
NU0851012V	NU0851012	TAG. NO. 12	12	500
NU0851013V	NU0851013	TAG. NO. 13	13	500
NU0851014V	NU0851014	TAG. NO. 14	14	500
NU0851015V	NU0851015	TAG. NO. 15	15	500
NU0851016V	NU0851016	TAG. NO. 16	16	500
NU0851017V	NU0851017	TAG. NO. 17	17	500
NU0851018V	NU0851018	TAG. NO. 18	18	500
NU0851019V	NU0851019	TAG. NO. 19	19	500
NU0851020V	NU0851020	TAG. NO. 20	20	500
NU085102AV	NU085102A	TAGS. MARKED 2A	2A	500
NU0851051V	NU0851051	TAGS. from 51 to 100	51 - 100	500
NU08510L1V	NU08510L1	TAGS. MARKED L1	L1	500
NU08510L2V	NU08510L2	TAGS. MARKED L2	L2	500
NU08510L3V	NU08510L3	TAGS. MARKED L3	L3	500
NU08510N1V	NU08510N1	TAGS. MARKED NI	NI	500
NU08510PEV	NU08510PE	TAGS. MARKED PE	PE	500
NU08510R1V	NU08510R1	TAGS. MARKED R1	R1	500
NU08510S1V	NU08510S1	TAGS. MARKED S1	S1	500
NU08510S2V	NU08510S2	TAGS. MARKED S2	S2	500
NU08510S3V	NU08510S3	TAGS. MARKED S3	S3	500
NU08510U1V	NU08510U1	TAGS. MARKED U1	U1	500
NU08510U2V	NU08510U2	TAGS. MARKED U2	U2	500
NU08510V	NU08510	TAGS NO. 0	0	500
NU08510V1V	NU08510V1	TAGS. MARKED V1	V1	500
NU08510V2V	NU08510V2	TAGS. MARKED V2	V2	500
NU08510W1V	NU08510W1	TAGS. MARKED W1	W1	500
NU08510W2V	NU08510W2	TAGS. MARKED W2	W2	500
NU0851101V	NU0851101	TAGS. from 101 to 150	101 - 105	500
NU085110V	NU085110	TAGS. MARKED =	=	500
NU085111V	NU085111	TAGS. MARKED +	+	500
NU085112V	NU085112	TAGS. MARKED -	-	500
NU085114V	NU085114	TAGS EARTH	⏏	500
NU0851151V	NU0851151	TAGS from 151 to 200	151 - 200	500
NU085115V	NU085115	TAG EARTH CIRCLE	⊕	500
NU08511V	NU08511	TAGS. NO. 1	1	500
NU0851201V	NU0851201	TAGS from 201 to 250	201 - 250	500
NU0851251V	NU0851251	TAGS from 251 to 300	251 - 300	500
NU08512V	NU08512	TAGS. NO. 2	2	500
NU0851301V	NU0851301	TAGS from 301 to 350	301 - 350	500
NU0851351V	NU0851351	TAGS from 351 to 400	351 - 400	500
NU08513V	NU08513	TAGS. NO. 3	3	500
NU0851401V	NU0851401	TAGS from 401 to 450	401 - 450	500
NU0851451V	NU0851451	TAGS from 451 to 500	451 - 500	500
NU08514V	NU08514	TAGS. NO 4	4	500
NU0851501V	NU0851501	TAGS from 501 to 550	501 - 550	500

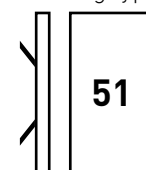


Writing type

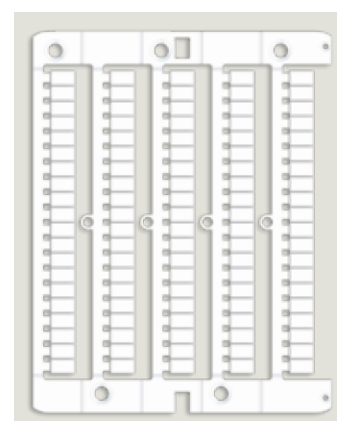


HORIZONTAL

Writing type



VERTICAL



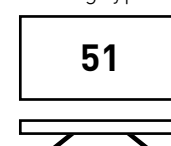
CNU/8/51 for HORIZONTAL and VERTICAL printing

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- **Mounting of single tag on all Cabur terminal blocks.**

CODE FOR TAGS WITH VERTICAL NUMBERS	CODE FOR TAGS WITH HORIZONTAL NUMBERS	DESCRIPTION	CHARACTER	QUANTITY PK.
NU0851510V	NU0851510	TAGS from 1 to 10	1 - 10	500
NU0851520V	NU0851520	TAGS from 11 to 20	11 - 20	500
NU0851530V	NU0851530	TAGS from 21 to 30	21 - 30	500
NU0851540V	NU0851540	TAGS from 31 to 40	31 - 40	500
NU0851550V	NU0851550	TAGS from 41 to 50	41 - 50	500
NU0851551V	NU0851551	TAGS from 551 to 600	551 - 600	500
NU0851560V	NU0851560	TAGS from 51 to 60	51 - 60	500
NU0851570V	NU0851570	TAGS from 61 to 70	61 - 70	500
NU0851580V	NU0851580	TAGS from 71 to 80	71 - 80	500
NU0851590V	NU0851590	TAGS from 81 to 90	81 - 90	500
NU08515V	NU08515	TAGS. NO 5	5	500
NU0851600V	NU0851600	TAGS from 91 to 100	91 - 100	500
NU0851601V	NU0851601	TAGS from 601 to 650	601 - 650	500
NU0851651V	NU0851651	TAGS from 651 to 700	651 - 700	500
NU08516V	NU08516	TAGS. NO. 6	6	500
NU0851701V	NU0851701	TAGS from 701 to 750	701 - 750	500
NU0851751V	NU0851751	TAGS from 751 to 800	751 - 800	500
NU08517V	NU08517	TAGS. NO. 7	7	500
NU0851801V	NU0851801	TAGS from 801 to 850	801 - 850	500
NU0851851V	NU0851851	TAGS from 851 to 900	851 - 900	500
NU08518V	NU08518	TAGS. NO. 8	8	500
NU0851901V	NU0851901	TAGS from 901 to 950	901 - 950	500
NU0851951V	NU0851951	TAGS from 951 to 1,000	951 - 000	500
NU08519V	NU08519	TAGS. NO. 9	9	500
NU0851AV	NU0851A	TAGS A	A	500
NU0851BV	NU0851B	TAGS B	B	500
NU0851CV	NU0851C	TAGS C	C	500
NU0851DV	NU0851D	TAGS D	D	500
NU0851EV	NU0851E	TAGS E	E	500
NU0851FV	NU0851F	TAGS F	F	500
NU0851GV	NU0851G	TAGS G	G	500
NU0851HV	NU0851H	TAGS H	H	500
NU0851IV	NU0851I	TAGS I	I	500
NU0851JV	NU0851J	TAGS J	J	500
NU0851KV	NU0851K	TAGS K	K	500
NU0851LV	NU0851L	TAGS L	L	500
NU0851MV	NU0851M	TAGS M	M	500
NU0851NV	NU0851N	TAGS N	N	500
NU0851OV	NU0851O	TAGS O	O	500
NU0851PV	NU0851P	TAGS P	P	500
NU0851QV	NU0851Q	TAGS Q	Q	500
NU0851RV	NU0851R	TAGS R	R	500
NU0851SV	NU0851S	TAGS S	S	500
NU0851TV	NU0851T	TAGS T	T	500
NU0851UV	NU0851U	TAGS U	U	500
NU0851VV	NU0851V	TAGS V	V	500
NU0851WV	NU0851W	TAGS W	W	500
NU0851XV	NU0851X	TAGS X	X	500
NU0851YV	NU0851Y	TAGS Y	Y	500
NU0851ZV	NU0851Z	TAGS Z	Z	500

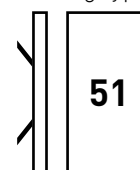


Writing type



HORIZONTAL

Writing type



VERTICAL



Mounting on Cabur terminal blocks.

Special numbering for terminal block marking

Cabur can supply, on request, special marking tags with numbers, letters, symbols and customised logos in packs of 500 tags, printed using the CaburJet System.

Request special marking by specifying the following on the order:

- A** - Item code, selected from those found in the table
(e.g. NU0851SP)
- B** - Number of tags ordered (min. 500 pcs. / 1 pk.)
- C** - Writing type (horizontal or vertical)
- D** - Content (text, numbers, symbols) to be printed on the tags
(e.g. A1B)

To optimise the service, as an alternative or in addition to that required at points c) and d), we recommend sending Cabur a MarKing Pro file created with the specific requirements of the order.

For example, by ordering:

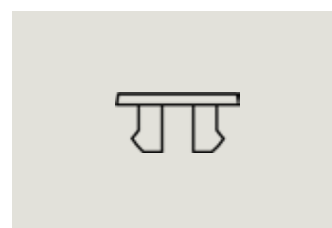
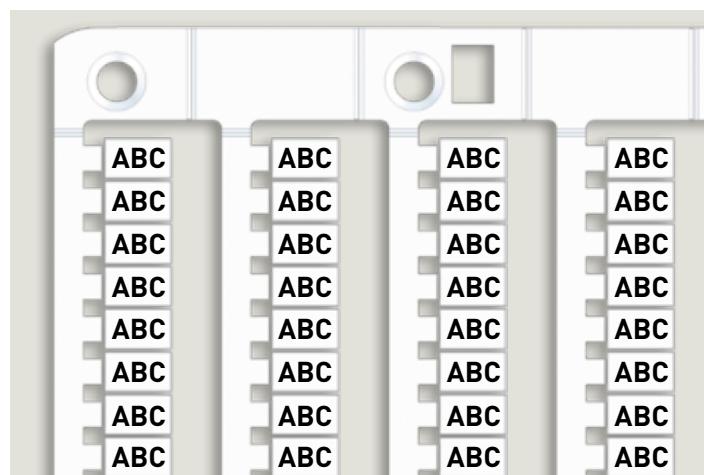
Code: NU0851SP

Quantity: 1000

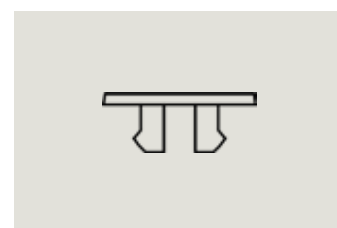
Writing type: horizontal

Content: ABC

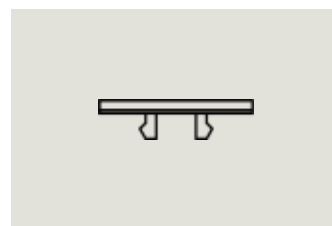
You will receive 2 packs of 500 tags each of CNU/8/51, personalised as requested.



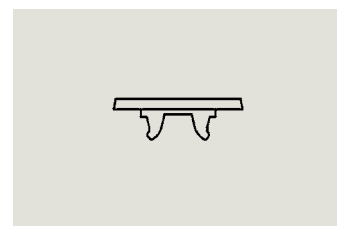
NU0800SP-NU0851SP-NU0861SP



NU1051SP-NU1061SP-NU1055SP-NU1065SP

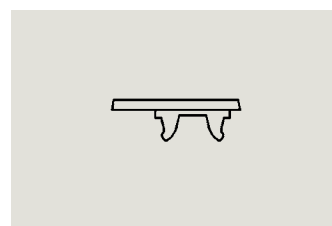


SH004SP

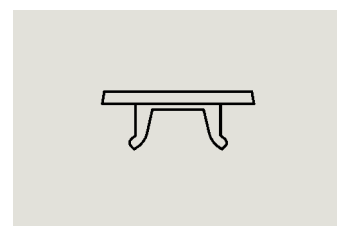


NUWDU50SP

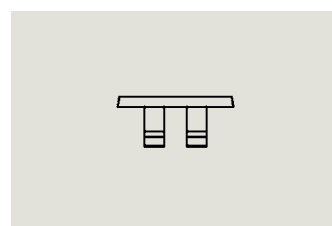
SPECIAL NUMBERING		
CODE	ID CODE	DESCRIPTION
NU0800SP	NU0800SP	CNU/8/00 – special marking
NU0851SP	NU0851SP	CNU/8/51 – special marking
NU0861SP	NU0861SP	CNU/8/61 – special marking
NU1051SP	NU1051SP	CNU/10/51 – special marking
NU1061SP	NU1061SP	CNU/10/61 – special marking
SH004SP	SH004SP	SHZ.1 – special marking
SH004S	SH2.1	Blank tag spring-clamp terminal blocks sect 1.5 mm
SN008	SNZ/4/00	Blank strips
SN004SP	SNZ/4/SP	SN004SP - special numbering
NUWDU50SP	NUWDU50SP	NUWDU50 - special numbering
NUWDK50SP	NUWDK50SP	NUWDK50 - special numbering
NUPUTUK50SP	NUPUTUK50SP	NUPUTUK50 - special numbering
NUL1061SP	NUL1061	NUL1061 - special numbering
NU1055SP	NU1055SP	CNU/10/55 - special numbering
NU1065SP	NU1065SP	CNU/10/65 - special numbering
NUWG051SP	NUWG051SP	NUWG051SP - special numbering



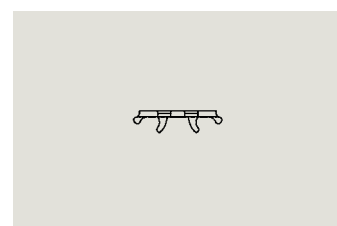
NUWDK50SP



NUPUTUK50S



NUL1061SP



NUWG051SP

N.B. please contact our sales office for information about availability

Special numbering for wire marking

Cabur can supply, on request, special marking tags for wires, with numbers, letters, symbols and customised logos in packs of 500 tags, printed using the CaburJet System.

Request special numberings for wire marking, by specifying the following on the order:

- A** - Item code, selected from those found in the table (e.g. NUT15SP)
- B** - Number of tags ordered (min. 500 pcs. / 1 pk.)
- C** - Content (text, numbers, symbols) to be printed on the tags (e.g. A1B)

To optimise the service, as an alternative to or in addition to that required at point c), we recommend sending Cabur a MarKing Pro file created with the specific requirements of the order.

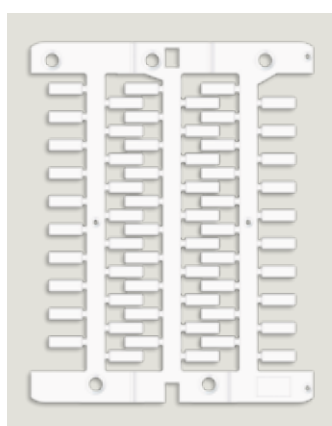
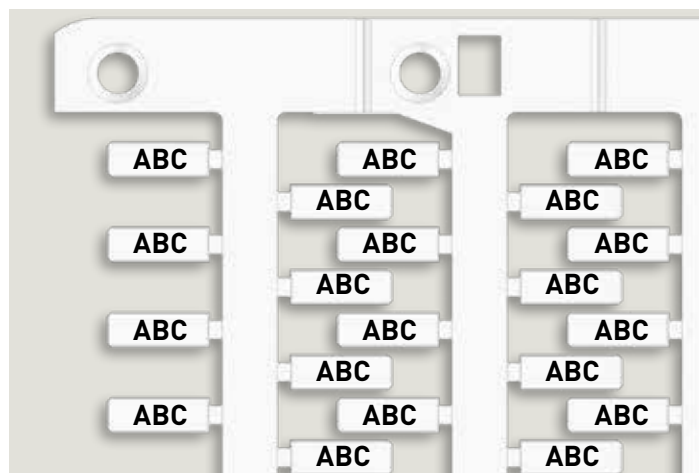
For example, by ordering:

Code: NUT15SP

Quantity: 1500

Content: ABC

An order will be placed for 3 packs of 500 tabs each of NUT15, customised as requested.



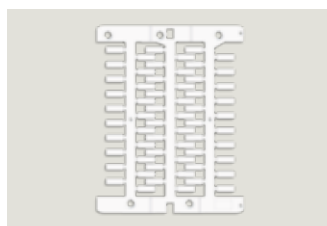
Mounting on Cabur terminal blocks

Writing type

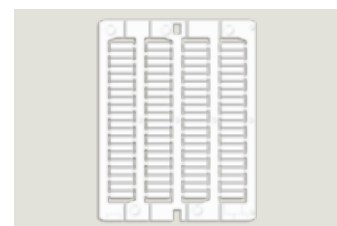
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HORIZONTAL

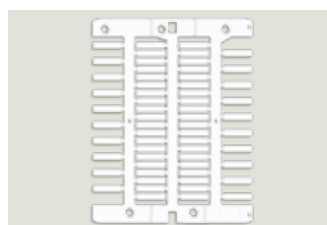
SPECIAL NUMBERING		
CODE	ID CODE	DESCRIPTION
NUT12SP	NUT12SP	NUT12SP - special numbering
NUT12YSP	NUT12YSP	NUT12YSP - special numbering
NUT15SP	NUT15SP	NUT15SP - special numbering
NUT15YSP	NUT15YSP	NUT15YSP - special numbering
NUT18SP	NUT18SP	NUT18SP - special numbering
NUT18YSP	NUT18YSP	NUT18YSP - special numbering
NUT23SP	NUT23SP	NUT23SP - special numbering
NUT23YSP	NUT23YSP	NUT23YSP - special numbering



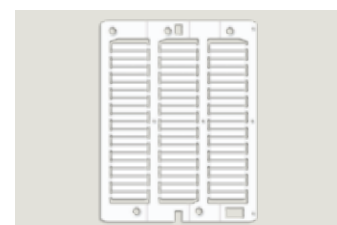
TAG CARD L. 12 mm



TAG CARD L. 15 mm



TAG CARD L. 18 mm



TAG CARD L. 23 mm

INDEX BY PART NUMBER



A

PART NUMBER	TYPE	QTY PER PK.	PAGE
AC100	ACB.70/BB	12	94
AC400	ACB.120/BB	12	94
AC700	ACB.185/BB	12	94
AF201	AFO/PT	50	166
AF400	AFO.2/2+2	100	135
AF500	AFO.2/1+1	100	135
BC100	BCA.70/BB	10	95
BC400	BCA.120/BB	10	95
BP100	BPL.4	60	143
BP200	BPL/R	100	143
BP300	BPL.4/PS	60	144
BT003	BT/3	25	167
BT005	BTU	25	167
BT006	BT/2	25	167

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BT007	BT0	25	167
CABURJET	CABURJET	1	202
CAMUT02	CAMUT.12/02	10	160
CAMUT04	CAMUT.12/04	10	160
CAMUT06	CAMUT.12/06	10	160
CAMUT10	CAMUT.12/10	10	160
CAMUT16	CAMUT.12/16	10	160
CAMUT25	CAMUT.12/25	10	160
CB009	CBD/SH	10	186
CB061GR	CBC.2-10/PT/GR	50	166
CB110	CBD.2	120	79
CB110GR	CBD.2/GR	120	79
CB111	CB2/PT	50	166
CB161GR	CBC.16/PT/GR	25	166
CB240	CBD.4	100	79
CB240GR	CBD.4/GR	100	79
CB241	CB4/6/PT	25	166
CB340	CBD.6	100	79
CB340GR	CBD.6/GR	100	79
CB351GR	CBC.35/PT/GR	25	166
CB431	CB10/PT	25	166
CB440	CBD.10	100	80
CB440GR	CBD.10/GR	100	80
CB510	CBD.16	50	80
CB510GR	CBD.16/GR	50	80
CB511	CB16/PT	25	166
CB610	CBD.35	75	80
CB610GR	CBD.35/GR	75	80
CB611	CB35/PT	25	166
CB710	CBD.50	50	81
CB710GR	CBD.50/GR	50	81
CB711	CB50/PT	10	166
CB810	CBD.70	40	81
CB810GR	CBD.70/GR	40	81
CB811	CB70/PT	10	166
CBC02GR	CBC.2/GR	120	67
CBC04GR	CBC.4/GR	100	67
CBC06GR	CBC.6/GR	100	67
CBC10GR	CBC.10/GR	100	68
CBC16GR	CBC.16/GR	50	68

PART NUMBER	TYPE	QTY PER PK.	PAGE
CBC35GR	CBC.35/GR	50	68
CBF04	CBF.4	50	109
CBF04GR	CBF.4/GR	50	109
CBF04I	CBF.4 [Ex]i	50	109
CBF423GR	CBF.4/C230/GR	50	115
CBF448GR	CBF.4/C48/GR	50	115
CBI02	CBC.2 [Ex]i	120	67
CBI04	CBC.4 [Ex]i	100	67
CBI06	CBC.6 [Ex]i	100	67
CBI061	CBC.2-10/PT[Ex]i	50	166
CB110	CBC.10 [Ex]i	100	68
CB116	CBC.16 [Ex]i	50	68
CB1161	CBC.16/PT[Ex]i	25	166
CB135	CBC.35 [Ex]i	50	68
CB1351	CBC.35/PT[Ex]i	25	166
CBS02	CBS.2	100	116
CBS02GR	CBS.2/GR	100	116
CBS02I	CBS.2 [Ex]i	100	116
CBS04	CBS.4	80	116
CBS04GR	CBS.4/GR	80	116
CBS04I	CBS.4 [Ex]i	80	116
CBX12	CBD.2 [Ex]i	120	79
CBX13	CB2/PT [Ex]i	50	166
CBX24	CBD.4 [Ex]i	100	79
CBX25	CB4/6/PT [Ex]i	25	166
CBX34	CBD.6 [Ex]i	100	79
CBX44	CB10/PT [Ex]i	25	166
CBX45	CBD.10 [Ex]i	100	80
CBX52	CBD.16 [Ex]i	50	80
CBX53	CB16/PT [Ex]i	25	166
CBX62	CBD.35 [Ex]i	75	80
CBX63	CB35/PT [Ex]i	25	166
CBX72	CBD.50 [Ex]i	50	81
CBX73	CB50/PT [Ex]i	10	166
CBX82	CBD.70 [Ex]i	40	81
CBX83	CB70/PT [Ex]i	10	166
CCH02	CCH/2.5-4	1	193
CCH06	CCH/6	1	193
CCV03	CCV/2.5	1	193
CCV04	CCV/4	1	193
CCV05	CCV/5	1	193
CE110	CBE.2	70	98
CF100	CF.12/1+1	50	145
CF200	CF.12/2+2	25	145
CF900	CF.12/CPT	40	145
CI110	CBR.2 [Ex]i	75	69
CONT206	CONT/2/06	20	158
CONT216	CONT/2/16	20	158
CONT225	CONT/2/25	20	158
CONT235	CONT/2/35	5	158
CONT306	CONT/3/6	10	158
CONT316	CONT/3/16	5	158
CONT606	CONT/6/6	5	158
CONT616	CONT616	5	158

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CONTC01N	CONT/1.5	10	159
CONTC02N	CONT/2.5	10	159
CONTC04N	CONT/4	10	159
CONTC06	CONT/6	10	159
CONTC10	CONT/10	5	159
CONTC16	CONT/16	5	159
CONTC25	CONT/25	5	159
CONTC35	CONT/35	5	159
CPF05	CPF/5	20	185
CPFE02	CPFE/2	20	185
CPFE04	CPFE/4	20	185
CPM01	CPM/01	25	181
CPM03	CPM/03	25	181
CPM06	CPM/06	10	181
CPM07	CPM/07	10	181
CPM08	CPM/08	10	181
CPM12	CPM/12	25	181
CPM16	CPM/16	25	181
CPM21	CPM/21	25	181
CPM25	CPM/25	25	181
CPM35	CPM/35	20	181
CPM44	CPM/44	25	181
CPM53	CPM/53	25	181
CPM56	CPM/56	25	181
CPM57	CPM/57	25	181
CPM70	CPM/70	25	181
CPM83	CPM/83	25	181
CPX01	CPX/01	25	181
CPX03	CPX/03	25	181
CPX06	CPX/06	10	181
CPX07	CPX/07	10	181
CPX08	CPX/08	10	181
CPX12	CPX/12	25	181
CPX16	CPX/16	25	181
CPX21	CPX/21	25	181
CPX35	CPX/35	10	181
CPX44	CPX/44	25	181
CPX53	CPX/53	25	181
CPX83	CPX/83	25	181
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CR111	CBR/PT	25	166
CV100	CVF.4	100	136
CV100GR	CVF.4/GR	100	136
CV101	CVF/PT	25	166
CV101GR	CVF/PT/GR	25	166
CV201	CVF/PT [Ex]i	25	166
DA100	DSFA.4	100	113
DA100GR	DSFA.4/GR	100	113
DA200	DSF.4	80	112
DA200GR	DSF.4/GR	80	112
DB100	DBC.2	120	102
DB100GR	DBC.2/GR	120	102
DB101	DBC/PT	25	166

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DB117	DBC.2/CI	120	102
DB117GR	DBC.2/CI/GR	120	102
DB200	DBC.2 [Ex]i	120	102
DB201	DBC/PT[Ex]i	25	166
DB400GR	DBC.4/GR	100	103
DB500	DBC.4 [Ex]i	100	103
DB517	DBC.4/CI [Ex]i	100	103
DC005	SDC/5	25	183
DC006	SDC/6	25	183
DC05P	SDC/5P	25	183
DC05V	SDC/5V	25	183
DC06P	SDC/6P	25	183
DC06V	SDC/6V	25	183
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DD001	SDD/1	50	184
DD002	SDD/2	50	184
DD005	SDD/5	25	183
DD006	SDD/6	25	183
DD501	SD5/PT	25	183
DD601	SD6/PT	25	183
DF300	DFM/300	50	189
DF400	DFM/400	50	189
DF500	DFM/500	50	189
DF600	DFM/600	50	189
DF700	DFM/700	50	189
DF800	DFM/800	50	189
DF900	DFM/900	50	189
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DFE03R	DFE.2+2/R	20	188
DFE04R	DFE.2P/R	20	188
DFP2R	DFP/2/R	50	188
DH004	SDH/4	25	183
DH005	SDH/5	25	183
DH006	SDH/6	25	183
DH007	SDH/7	25	183
DH01R	DFH/1/R	25	188
DH02R	DFH/2/R	25	188
DH03R	DFH/3/R	25	188
DH04R	DFH/4/R	25	188
DH401	SH4/PT	25	183
DH501	SH5/PT	25	183
DH601	SH6/PT	25	183
DH701	SH7/PT	25	183
DS100	DAS.4	120	104
DS100GR	DAS.4/GR	120	104
DS101	DAS/PT	25	166
DS107	DAS/VCI	25	186
DS108	DAS/VCE	25	186
DS110*	DAS.4/SS	20	105
DS110GR*	DAS.4/SS/GR	20	105
DS111	DAS.4/A	20	130
DS111GR	DAS.4/A/GR	20	130
DS112	DAS.4/B	20	130

PART NUMBER	TYPE	QTY PER PK.	PAGE
DS112GR	DAS.4/B/GR	20	130
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DS113GR	DAS.4/C/GR	20	131
DS114	DAS.4/D	20	131
DS114GR	DAS.4/D/GR	20	131
DS115	DAS.4/E	20	132
DS115GR	DAS.4/E/GR	20	132
DS117	DAS.4/CI	120	104
DS117GR	DAS.4/CI/GR	120	104
DS119	DAS.4/I	20	132
DS119GR	DAS.4/I/GR	20	132
DS120	DAS.4/DD	20	133
DS120GR	DAS.4/DD/GR	20	133
DS128	DAS.4/T	20	134
DS128GR	DAS.4/T/GR	20	134
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DS129GR	DAS.4/U/GR	20	134
DS130	DAS.4/L	20	133
DS130GR	DAS.4/L/GR	20	133
DS200	DAS.4 [Ex]i	120	104
DS201	DAS/PT [Ex]i	25	166
DS217	DAS.4/CI [Ex]i	120	104
DS301	DSS/PT	25	166
DS301GR	DSS/PT/GR	25	166
DS400	DSS.4	100	105
DS400GR	DSS.4/GR	100	105
DS401	DSF.4/PT	25	166
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DSD005	DAS.4/D5	20	126
DSD005GR	DAS.4/D5/GR	20	126
DSD012	DAS.4/D12	20	126
DSD012GR	DAS.4/D12/GR	20	126
DSD024	DAS.4/D24	20	127
DSD024GR	DAS.4/D24/GR	20	127
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DSV024GR	DAS.4/V24/GR	20	128
DSV048	DAS.4/V48	20	128
DSV048GR	DAS.4/V48/GR	20	128
DSV120	DAS.4/V120	20	129
DSV120GR	DAS.4/V120/GR	20	129
DSV230	DAS.4/V230	20	129
DSV230GR	DAS.4/V230/GR	20	129
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DU06R	DFU/6/R	25	188
DU07R	DFU/7/R	25	188
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PART NUMBER	TYPE	QTY PER PK.	PAGE
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EFB0105R	EFB.1/5/R	10	179
EFB0110B	EFB.1/10/B	5	179
EFB0110R	EFB.1/10/R	5	179
EFB0202B	EFB.2/2/B	20	179
EFB0202R	EFB.2/2/R	20	179
EFB0203B	EFB.2/3/B	20	179
EFB0203R	EFB.2/3/R	20	179
EFB0205B	EFB.2/5/B	10	179
EFB0205R	EFB.2/5/R	10	179
EFB0210B	EFB.2/10/B	5	179
EFB0210R	EFB.2/10/R	5	179
EFB0402B	EFB.4/2/B	20	179
EFB0402R	EFB.4/2/R	20	179
EFB0403B	EFB.4/3/B	20	179
EFB0403R	EFB.4/3/R	20	179
EFB0405B	EFB.4/5/B	10	179
EFB0405R	EFB.4/5/R	10	179
EFB0410B	EFB.4/10/B	5	179
EFB0410R	EFB.4/10/R	5	179
EFB0602B	EFB.6/2/B	20	179
EFB0602R	EFB.6/2/R	20	179
EFB0603B	EFB.6/3/B	20	179
EFB0603R	EFB.6/3/R	20	179
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EFB0610B	EFB.6/10/B	5	179
EFB0610R	EFB.6/10/R	5	179
EFC100BL	EFC.1/BL	100	17
EFC100GR	EFC.1/GR	100	17
EFC101GR	EFC.1/PT/GR	25	166
EFC110BL	EFC.1/1+2/BL	80	17
EFC110GR	EFC.1/1+2/GR	80	17
EFC111GR	EFC.1/1+2/PT/GR	25	166
EFC120BL	EFC.1/2+2/BL	70	17
EFC120GR	EFC.1/2+2/GR	70	17
EFC121GR	EFC.1/2+2/PT/GR	25	166
EFC200BL	EFC.2/BL	160	18
EFC200GR	EFC.2/GR	160	18
EFC201BL	EFC.2/PT/BL	25	166
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EFC211GR	EFC.2/1+2/PT/GR	25	166
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EFC220GR	EFC.2/2+2/GR	90	18
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EFC221GR	EFC.2/2+2/PT/GR	25	166
EFC400BL	EFC.4/BL	120	19
EFC400GR	EFC.4/GR	120	19
EFC401BL	EFC.4/PT/BL	25	166
EFC401GR	EFC.4/PT/GR	25	166
EFC410BL	EFC.4/1+2/BL	110	19

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PART NUMBER	TYPE	QTY PER PK.	PAGE
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EFC411GR	EFC.4/1+2/PT/GR	25	166
EFC420BL	EFC.4/2+2/BL	90	19
EFC420GR	EFC.4/2+2/GR	90	19
EFC421BL	EFC.4/2+2/PT/BL	25	166
EFC421GR	EFC.4/2+2/PT/GR	25	166
EFC600BL	EFC.6/BL	30	20
EFC600GR	EFC.6/GR	30	20
EFC610BL	EFC.6/1+2/BL	20	20
EFC610GR	EFC.6/1+2/GR	20	20
EFCE100	EFCE.1	75	26
EFCE110	EFCE.1/1+2	50	26
EFCE120	EFCE.1/2+2	50	26
EFCE200	EFCE.2	80	27
EFCE210	EFCE.2/1+2	50	27
EFCE220	EFCE.2/2+2	60	27
EFCE400	EFCE.4	70	28
EFCE410	EFCE.4/1+2	60	28
EFCE420	EFCE.4/2+2	90	28
EFCE600	EFCE.6	30	29
EFCE610	EFCE.6/1+2	20	29
EFD100BL	EFD.1/BL	40	21
EFD100GR	EFD.1/GR	40	21
EFD101GR	EFD.1/PT/GR	25	166
EFD110BL	EFD.1/CI/BL	40	21
EFD110GR	EFD.1/CI/GR	40	21
EFD120GR	EFD.1/E/GR	40	21
EFD200BL	EFD.2/BL	130	22
EFD200GR	EFD.2/GR	130	22
EFD201BL	EFD.2/PT/BL	25	166
EFD201GR	EFD.2/PT/GR	25	166
EFD210BL	EFD.2/CI/BL	30	22
EFD210GR	EFD.2/CI/GR	30	22
EFD220GR	EFD.2/E/GR	30	22
EFD400BL	EFD.4/BL	100	24
EFD400GR	EFD.4/GR	100	24
EFD401BL	EFD.4/PT/BL	25	166
EFD401GR	EFD.4/PT/GR	25	166
EFD410BL	EFD.4/CI/BL	40	24
EFD410GR	EFD.4/CI/GR	40	24
EFD420GR	EFD.4/E/GR	40	24
EFDE100	EFDE.1	40	30
EFDE200	EFDE.2	30	30
EFDE400	EFDE.4	40	30
EFDS200GR	EFDS.2/GR	45	33
EFDS201GR	EFDS.2/PT/GR	25	166
EFDS202GR	CPFE.2 + EFDS.2/GR	45	35
EFDS210GR	EFDS.2/1S/GR	45	33
EFDS212GR	CPFE.2 + EFDS.2/1S/GR	45	35
EFDS220GR	EFDS.2/P/GR	45	23
EFF400BL	EFF.4/BL	35	34
EFF400GR	EFF.4/GR	35	34
EFF423GR	EFF.4/C230/GR	35	34

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PART NUMBER	TYPE	QTY PER PK.	PAGE
EFF448GR	EFF.4/C48/GR	35	34
EFS200BL	EFS.2/BL	75	32
EFS200GR	EFS.2/GR	75	32
EFS202GR	CPFE.2 + EFS.2/GR	35	35
EFS400BL	EFS.4/BL	70	32
EFS400GR	EFS.4/GR	70	32
EFS402GR	CPFE.4 + EFS.4/GR	35	35
EFT200BL	EFT.2/BL	100	25
EFT200GR	EFT.2/GR	100	25
EFT201BL	EFT.2/PT/BL	25	166
EFT201GR	EFT.2/PT/GR	25	166
EFT210BL	EFT.2/CI/BL	35	25
EFT210GR	EFT.2/CI/GR	35	25
EFT220GR	EFT.2/E/GR	35	25
EFT250GR	EFT.2/S/GR	100	36
EFT251GR	EFT.2/S/PT/GR	25	166
EFTE200	EFTE.2	35	31
FC102	SFC/CO	70	186
FD100	FDP.2	70	136
FD100GR	FDP.2/GR	70	136
FD101	FDP/PT	25	166
FD101GR	FDP/PT/GR	25	166
FF100	FFS.4	120	106
FF100GR	FFS.4/GR	120	106
FF101	FFS/PT	25	166
FF101GR	FFS/PT/GR	25	166
FL201	FL201	100	187
FL202	FL202	100	187
FN001ST	F5/100 mA	100	187
FN002ST	F5/200 mA	100	187
FN003ST	F5/315 mA	100	187
FN004ST	F5/500 mA	100	187
FN005ST	F5/630 mA	100	187
FN006ST	F5/1 A	100	187
FN007ST	F5/1.6 A	100	187
FN008ST	F5/2 A	100	187
FN009ST	F5/2.5 A	100	187
FN010ST	F5/3.15 A	100	187
FN011ST	F5/4 A	100	187
FN012ST	F5/5 A	100	187
FN013ST	F5/6.3 A	100	187
FN014ST	F5/8 A	100	187
FN015ST	F5/10 A	100	187
FN016ST	F5/12 A	100	187
FP100	FPC.10	70	114
FP200	FPL.10/L	70	114
FP300	FPL.10/C	70	114
FP923	FPL.10/C230	70	115
FP948	FPL.10/C48	70	115
FV100	FVS.4	120	106
FV100GR	FVS.4/GR	120	106
FV101	FVS/PT	25	166
FV101GR	FVS/PT/GR	25	166
FV107	FVS/VCI	25	186

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PART NUMBER	TYPE	QTY PER PK.	PAGE
FV108	FVS/VCE	25	186
GA100	GPA.95	10	71
GA100GR	GPA.95/GR	10	71
GA110	GPA.95 [Ex]i	10	71
GA200	GPA.150	8	72
GA200GR	GPA.150/GR	8	72
GA300	GPA.240	4	73
GA300GR	GPA.240/GR	4	73
GA400	GPA.70	25	70
GA400GR	GPA.70/GR	25	70
GA410	GPA.70 [Ex]i	25	70
GF100	GPA.95/FIX	10	71
GF100GR	GPA.95/FIX/GR	10	71
GF200	GPA.150/FIX	8	72
GF200GR	GPA.150/FIX/GR	8	72
GF300	GPA.240/FIX	4	73
GF300GR	GPA.240/FIX/GR	4	73
GF400	GPA.70/FIX	25	70
GF400GR	GPA.70/FIX/GR	25	70
GP100	GPM.95/BB	10	83
GP100GR	GPM.95/BB/GR	10	83
GP110	GPM.95/BB/FIX	10	83
GP110GR	GPM.95/BB/FIX/GR	10	83
GP120	GPM.95/O/BB	10	92
GP125	GPM.95/C/BB	10	92
GP130	GPM.95/O/BB/FIX	10	92
GP135	GPM.95/C/BB/FIX	10	92
GP200	GPM.95/BC	10	86
GP200GR	GPM.95/BC/GR	10	86
GP210	GPM.95/BC/FIX	10	86
GP210GR	GPM.95/BC/FIX/GR	10	86
GP300	GPM.95/CC	10	89
GP300GR	GPM.95/CC/GR	10	89
GP310	GPM.95/CC/FIX	10	89
GP310GR	GPM.95/CC/FIX/GR	10	89
GP400	GPM.150/BB	6	84
GP400GR	GPM.150/BB/GR	6	84
GP410	GPM.150/BB/FIX	6	84
GP410GR	GPM.150/BB/FIX/GR	6	84
GP420	GPM.150/O/BB	6	92
GP425	GPM.150/C/BB	6	92
GP430	GPM.150/O/BB/FIX	6	93
GP435	GPM.150/C/BB/FIX	6	93
GP500	GPM.150/BC	6	87
GP500GR	GPM.150/BC/GR	6	87
GP510	GPM.150/BC/FIX	4	87
GP510GR	GPM.150/BC/FIX/GR	4	87
GP600	GPM.150/CC	6	90
GP600GR	GPM.150/CC/GR	6	90
GP610	GPM.150/CC/FIX	6	90
GP610GR	GPM.150/CC/FIX/GR	6	90
GP700	GPM.240/BB	4	85
GP700GR	GPM.240/BB/GR	4	85
GP710	GPM.240/BB/FIX	4	85

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PART NUMBER	TYPE	QTY PER PK.	PAGE
GP710GR	GPM.240/BB/FIX/GR	4	85
GP720	GPM.240/O/BB	4	93
GP725	GPM.240/C/BB	4	93
GP730	GPM.240/O/BB/FIX	4	93
GP735	GPM.240/C/BB/FIX	4	93
GP800	GPM.240/BC	4	88
GP800GR	GPM.240/BC/GR	4	88
GP810	GPM.240/BC/FIX	4	88
GP810GR	GPM.240/BC/FIX/GR	4	88
GP900	GPM.240/CC	4	91
GP900GR	GPM.240/CC/GR	4	91
GP910	GPM.240/CC/FIX	4	91
GP910GR	GPM.240/CC/FIX/GR	4	91
HB100GR	HSCB.4/GR	90	54
HB101GR	HSCB.4/PT/GR	25	166
HB200GR	HSCB.6/GR	60	54
HB201GR	HSCB.6/PT/GR	25	166
HB203	HSCB.6/PO/2	40	186
HB204	HSCB.6/PO/4	20	186
HB205	HSCB.6/CPM	40	186
HB210GR	HSCB.6/DD/GR	60	54
HB220GR	HSCB.6/CD/GR	60	54
HC200GR	HCD.1/GR	40	61
HC201GR	HCD.1/PT/GR	25	166
HC210	HCD.1 [Ex]i	40	61
HD100GR	HMD.2/GR	60	46
HD101GR	HMD/PT/GR	25	166
HD120GR	HMD.1/CI/GR	50	44
HD200GR	HMD.1/GR	50	44
HD201GR	HMD.1/PT/GR	25	166
HD300	HMD.1 [Ex]i	50	44
HD301	HMD.1/PT[Ex]i	25	166
HD400GR	HMD.2N/GR	40	45
HD410	HMD.2N [Ex]i	40	45
HD450GR	HMD.2N/CI/GR	40	45
HD510	HL.D.2 [Ex]i	50	47
HF111GR	HMF/PT/GR	25	166
HF210GR	HFR.4/GR	70	55
HF211GR	HFR.4/PT/GR	25	166
HF300GR	HMFA.2/GR	80	56
HF310GR	HFR.4/M/GR	100	55
HF510	CIL/HFR/115-230	10	187
HF518	CIL/HFR/12-48	10	187
HI130	HP.2 [Ex]i	100	62
HI131	HPC.2 [Ex]i	100	63
HI132	HPP.2 [Ex]i	100	62
HI210	HMM.4/1+2 [Ex]i	40	41
HI220	HMM.4/2+2 [Ex]i	20	41
HI250	HMM.4 [Ex]i	60	41
HI251	HMT.4/PT [Ex]i	25	166
HI320	HMM.6 [Ex]i	30	42
HI321	HMT.6/PT [Ex]i	25	166
HI330	HMM.10 [Ex]i	30	42
HI340	HMM.16 [Ex]i	30	42

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HI400	HMM.1 [Ex]i	100	39
HI401	HMT.1/PT [Ex]i	25	166
HI410	HMM.1/1+2 [Ex]i	80	39
HI411	HMT.1/1+2/PT[Ex]i	25	166
HI420	HMM.1/2+2 [Ex]i	60	39
HI421	HMT.1/2+2/PT[Ex]i	25	166
HI500	HMM.2 [Ex]i	80	40
HI501	HMT.2/PT [Ex]i	25	166
HI510	HMM.2/1+2 [Ex]i	80	40
HI511	HMT.2/1+2/PT[Ex]i	25	166
HI520	HMM.2/2+2 [Ex]i	60	40
HI521	HMT.2/2+2/PT[Ex]i	25	166
HL200GR	HL.D.2/GR	50	47
HL201GR	HL.D.2/PT/GR	25	166
HL210GR	HL.D.2/CI/GR	50	47
HL500GR	HDE.2/GR	50	47
HLT500	HTTE.2	50	52
HM170GR	HMM.2/2+2/A/GR	60	53
HM210GR	HMM.4/1+2/GR	40	41
HM220GR	HMM.4/2+2/GR	40	41
HM250GR	HMM.4/GR	60	41
HM251GR	HMT.4/PT/GR	25	166
HM320GR	HMM.6/GR	30	42
HM321GR	HMT.6/PT/GR	25	166
HM330GR	HMM.10/GR	30	42
HM340GR	HMM.16/GR	30	42
HM350GR	HMR.16/GR	15	43
HM360GR	HMR.16/D/GR	30	43
HM400GR	HMM.1/GR	100	39
HM401GR	HMT.1/PT/GR	25	166
HM410GR	HMM.1/1+2/GR	80	39
HM411GR	HMT.1/1+2/PT	25	166
HM420GR	HMM.1/2+2/GR	60	39
HM421GR	HMT.1/2+2/PT	25	166
HM500GR	HMM.2/GR	80	40
HM501GR	HMT.2/PT/GR	25	166
HM510GR	HMM.2/1+2/GR	80	40
HM511GR	HMT.2/1+2/PT/GR	25	166
HM520GR	HMM.2/2+2/GR	60	40
HM521GR	HMT.2/2+2/PT/GR	25	166
HMS10GR	HMM.2/2+2/S/GR	60	53
HMS20GR	HMM.2/1+2/S/GR	80	53
HP101GR	HP/PT/GR	25	166
HP150GR	HP.2/GR	100	62
HP160GR	HPC.2/GR	100	63
HP170GR	HPP.2/GR	100	62
HS200GR	HMS.2/GR	80	54
HT250	HTE.4	60	50
HT260	HTE.4/1+2	40	50
HT270	HTE.4/2+2	20	50
HT320	HTE.6	30	51
HT330	HTE.10	30	51
HT340	HTE.16	30	51
HT400	HTE.1	80	48

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PART NUMBER	TYPE	QTY PER PK.	PAGE
HT410	HTE.1/1+2	80	48
HT420	HTE.1/2+2	60	48
HT500	HTE.2	80	49
HT510	HTE.2/1+2	80	49
HT520	HTE.2/2+2	60	49
HV111GR	HPV/PT/GR	25	166
HVP300GR	HVPC.2/GR	120	59
HVP305	HVPC.2 [Ex]i	120	59
HVP900GR	CHP.2/GR	20	59
HVP905	CHP.2 [Ex]i	20	59
HVP910GR	CHP.2D/GR	20	59
HVP915	CHP.2D [Ex]i	20	59
HVT500	HVTE.2	80	60
HVT900	CHTE.2	20	60
HVT910	CHTE.2D	20	60
KIT1224	KITLSN/12-24	1	187
KIT70380	KITLSN/70-380	1	187
MB100	MBL.50/6	10	96
MB200	MBL.95/8	10	96
MB300	MBL.120/10	10	97
MB400	MBL.150/12	10	97
MF100	MPFA.4	100	113
MF100GR	MPFA.4/GR	100	113
MP901	MPS.4/PT	25	166
MP901GR	MPS.4/PT/GR	25	166
MP902	MPS.4/PT[Ex]i	25	166
MP950	MPS.4	100	117
MP950GR	MPS.4/GR	100	117
MP960	MPS.4 [Ex]i	100	117
MZ300N	MS/8X10/N	1	148
MZ300T	MS/8X10/T	1	148
NU0800SP	NU0800SP	500	205
NU08510	NU08510	500	203
NU0851001	NU0851001	500	203
NU0851001V	NU0851001V	500	203
NU0851010	NU0851010	500	203
NU0851010V	NU0851010V	500	203
NU0851011	NU0851011	500	203
NU0851011V	NU0851011V	500	203
NU0851012	NU0851012	500	203
NU0851012V	NU0851012V	500	203
NU0851013	NU0851013	500	203
NU0851013V	NU0851013V	500	203
NU0851014	NU0851014	500	203
NU0851014V	NU0851014V	500	203
NU0851015	NU0851015	500	203
NU0851015V	NU0851015V	500	203
NU0851016	NU0851016	500	203
NU0851016V	NU0851016V	500	203
NU0851017	NU0851017	500	203
NU0851017V	NU0851017V	500	203
NU0851018	NU0851018	500	203
NU0851018V	NU0851018V	500	203
NU0851019	NU0851019	500	203

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NU0851019V	NU0851019V	500	203
NU0851020	NU0851020	500	203
NU0851020V	NU0851020V	500	203
NU085102A	NU085102A	500	203
NU085102AV	NU085102AV	500	203
NU0851051	NU0851051	500	203
NU0851051V	NU0851051V	500	203
NU08510L1	NU08510L1	500	203
NU08510L1V	NU08510L1V	500	203
NU08510L2	NU08510L2	500	203
NU08510L2V	NU08510L2V	500	203
NU08510L3	NU08510L3	500	203
NU08510L3V	NU08510L3V	500	203
NU08510NI	NU08510NI	500	203
NU08510NIV	NU08510NIV	500	203
NU08510PE	NU08510PE	500	203
NU08510PEV	NU08510PEV	500	203
NU08510R1	NU08510R1	500	203
NU08510R1V	NU08510R1V	500	203
NU08510S1	NU08510S1	500	203
NU08510S1V	NU08510S1V	500	203
NU08510S2	NU08510S2	500	203
NU08510S2V	NU08510S2V	500	203
NU08510S3	NU08510S3	500	203
NU08510S3V	NU08510S3V	500	203
NU08510U1	NU08510U1	500	203
NU08510U1V	NU08510U1V	500	203
NU08510U2	NU08510U2	500	203
NU08510U2V	NU08510U2V	500	203
NU08510V	NU08510V	500	203
NU08510V1	NU08510V1	500	203
NU08510V1V	NU08510V1V	500	203
NU08510V2	NU08510V2	500	203
NU08510V2V	NU08510V2V	500	203
NU08510W1	NU08510W1	500	203
NU08510W1V	NU08510W1V	500	203
NU08510W2	NU08510W2	500	203
NU08510W2V	NU08510W2V	500	203
NU08511	NU08511	500	203
NU085110	NU085110	500	203
NU0851101	NU0851101	500	203
NU0851101V	NU0851101V	500	203
NU085110V	NU085110V	500	203
NU085111	NU085111	500	203
NU085111V	NU085111V	500	203
NU085112	NU085112	500	203
NU085112V	NU085112V	500	203
NU085114	NU085114	500	203
NU085114V	NU085114V	500	203
NU085115	NU085115	500	203
NU0851151	NU0851151	500	203
NU0851151V	NU0851151V	500	203
NU085115V	NU085115V	500	203
NU08511V	NU08511V	500	203

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NU08512	NU08512	500	203
NU0851201	NU0851201	500	203
NU0851201V	NU0851201V	500	203
NU0851251	NU0851251	500	203
NU0851251V	NU0851251V	500	203
NU08512V	NU08512V	500	203
NU08513	NU08513	500	203
NU0851301	NU0851301	500	203
NU0851301V	NU0851301V	500	203
NU0851351	NU0851351	500	203
NU0851351V	NU0851351V	500	203
NU08513V	NU08513V	500	203
NU08514	NU08514	500	203
NU0851401	NU0851401	500	203
NU0851401V	NU0851401V	500	203
NU0851451	NU0851451	500	203
NU0851451V	NU0851451V	500	203
NU08514V	NU08514V	500	203
NU08515	NU08515	500	204
NU0851501	NU0851501	500	203
NU0851501V	NU0851501V	500	203
NU0851510	NU0851510	500	204
NU0851510V	NU0851510V	500	204
NU0851520	NU0851520	500	204
NU0851520V	NU0851520V	500	204
NU0851530	NU0851530	500	204
NU0851530V	NU0851530V	500	204
NU0851540	NU0851540	500	204
NU0851540V	NU0851540V	500	204
NU0851550	NU0851550	500	204
NU0851550V	NU0851550V	500	204
NU0851551	NU0851551	500	204
NU0851551V	NU0851551V	500	204
NU0851560	NU0851560	500	204
NU0851560V	NU0851560V	500	204
NU0851570	NU0851570	500	204
NU0851570V	NU0851570V	500	204
NU0851580	NU0851580	500	204
NU0851580V	NU0851580V	500	204
NU0851590	NU0851590	500	204
NU0851590V	NU0851590V	500	204
NU08515V	NU08515V	500	204
NU08516	NU08516	500	204
NU0851600	NU0851600	500	204
NU0851600V	NU0851600V	500	204
NU0851601	NU0851601	500	204
NU0851601V	NU0851601V	500	204
NU0851651	NU0851651	500	204
NU0851651V	NU0851651V	500	204
NU08516V	NU08516V	500	204
NU08517	NU08517	500	204
NU0851701	NU0851701	500	204
NU0851701V	NU0851701V	500	204
NU0851751	NU0851751	500	204

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NU0851751V	NU0851751V	500	204
NU08517V	NU08517V	500	204
NU08518	NU08518	500	204
NU0851801	NU0851801	500	204
NU0851801V	NU0851801V	500	204
NU0851851	NU0851851	500	204
NU0851851V	NU0851851V	500	204
NU08518V	NU08518V	500	204
NU08519	NU08519	500	204
NU0851901	NU0851901	500	204
NU0851901V	NU0851901V	500	204
NU0851951	NU0851951	500	204
NU0851951V	NU0851951V	500	204
NU08519V	NU08519V	500	204
NU0851A	NU0851A	500	204
NU0851AV	NU0851AV	500	204
NU0851B	NU0851B	500	204
NU0851BV	NU0851BV	500	204
NU0851C	NU0851C	500	204
NU0851CV	NU0851CV	500	204
NU0851D	NU0851D	500	204
NU0851DV	NU0851DV	500	204
NU0851E	NU0851E	500	204
NU0851EV	NU0851EV	500	204
NU0851F	NU0851F	500	204
NU0851FV	NU0851FV	500	204
NU0851G	NU0851G	500	204
NU0851GV	NU0851GV	500	204
NU0851H	NU0851H	500	204
NU0851HV	NU0851HV	500	204
NU0851I	NU0851I	500	204
NU0851IV	NU0851IV	500	204
NU0851JV	NU0851JV	500	204
NU0851KV	NU0851KV	500	204
NU0851L	NU0851L	500	204
NU0851LV	NU0851LV	500	204
NU0851M	NU0851M	500	204
NU0851MV	NU0851MV	500	204
NU0851N	NU0851N	500	204
NU0851NV	NU0851NV	500	204
NU0851O	NU0851O	500	204
NU0851OV	NU0851OV	500	204
NU0851P	NU0851P	500	204
NU0851PV	NU0851PV	500	204
NU0851Q	NU0851Q	500	204
NU0851QV	NU0851QV	500	204
NU0851R	NU0851R	500	204
NU0851RV	NU0851RV	500	204
NU0851S	NU0851S	1500	203
NU0851SI	NU0851SI	500	204
NU0851SP	NU0851SP	500	205
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WPN11510	WPN1510	1000	195
WPN11615	WPN1615	500	195
WPN12510	WPN2510	1000	195
WPN12515	WPN2515	250	195
WPN14012	WPN4012	1000	195
WPN16012	WPN6012	500	195
WPO4020	WPO15035/R	100	196
WPO4021	WPO15040/R	100	196
WPO4022	WPO15050/R	100	196
WPO4023	WPO15060/R	100	196
WPO4024	WPO15080/R	100	196
WPO4025	WPO150100/B	100	196
WPO4026	WPO25030/B	500	196
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WPO4028	WPO25040/B	100	196
WPO4029	WPO25050/B	100	196
WPO4030	WPO25060/B	100	196
WPO4031	WPO25080/B	100	196
WPO4032	WPO250100/B	100	196
WPO4033	WPO40040/Y	100	196
WPO4034	WPO40050/Y	100	196
WPO4035	WPO40060/Y	100	196
WPO4036	WPO40080/Y	100	196
WPO4037	WPO400100/Y	500	196
WPO4038	WPO400120/Y	100	196
WPO4039	WPO60040/Y	100	196
WPO4040	WPO60050/Y	100	196
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WPO4042	WPO60080/Y	100	196
WPO4043	WPO600100/Y	100	196
WPO4044	WPO600120/Y	500	196
Z121017	ACI121017	25	169
Z121019	ACI121019	25	169
Z121026	ACI121026	100	173
Z121116	ACI121116	10	170
Z121118	ACI121118	50	173
Z121119	ACI121119	100	173
Z121121	ACI121121	100	173
Z121123	ACI121123	1	173
Z121211	ACI121211	25	173
Z121212	ACI121212	25	173
Z121213	ACI121213	20	172
Z121214	ACI121214	20	172
Z121215	ACI121215	20	172
Z121216	ACI121216	10	172
Z121217	ACI121217	10	172
Z121218	ACI121218	10	172
Z121219	ACI121219	10	172
Z121221	ACI121221	50	173
Z121228	ACI121228	20	170
Z121301	ACI121301	10	170

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Z121307	ACI121307	50	173
Z121311	ACI121311	20	170
Z121314	ACI121314	20	170
Z121316	ACI121316	20	171
Z121317	ACI121317	10	171
Z121318	ACI121318	10	171
Z121319	ACI121319	10	171
Z121410	ACI121410	10	171
Z121415	ACI121415	20	170
Z121421	ACI121421	100	173

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ACB.120/BB	AC400	12	94
ACB.185/BB	AC700	12	94
ACB.70/BB	AC100	12	94
ACI121017	Z121017	25	169
ACI121019	Z121019	25	169
ACI121026	Z121026	100	173
ACI121116	Z121116	10	170
ACI121118	Z121118	50	173
ACI121119	Z121119	100	173
ACI121121	Z121121	100	173
ACI121123	Z121123	1	173
ACI121211	Z121211	25	173
ACI121212	Z121212	25	173
ACI121213	Z121213	20	172
ACI121214	Z121214	20	172
ACI121215	Z121215	20	172
ACI121216	Z121216	10	172
ACI121217	Z121217	10	172
ACI121218	Z121218	10	172
ACI121219	Z121219	10	172
ACI121221	Z121221	50	173
ACI121228	Z121228	20	170
ACI121301	Z121301	10	170
ACI121307	Z121307	50	173
ACI121311	Z121311	20	170
ACI121314	Z121314	20	170
ACI121316	Z121316	20	171
ACI121317	Z121317	10	171
ACI121318	Z121318	10	171
ACI121319	Z121319	10	171
ACI121410	Z121410	10	171
ACI121415	Z121415	20	170
ACI121421	Z121421	100	173
AF0.2/1+1	AF500	100	135
AF0.2/2+2	AF400	100	135
AF0/PT	AF201	50	166

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BCA.120/BB	BC400	10	95
BCA.70/BB	BC100	10	95
BPL.4	BP100	60	143
BPL.4/PS	BP300	60	144
BPL/R	BP200	100	143
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BTU	BT005	25	167
CABURJET	CABURJET	1	202
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CAMUT.12/04	CAMUT04	10	160
CAMUT.12/06	CAMUT06	10	160
CAMUT.12/10	CAMUT10	10	160
CAMUT.12/16	CAMUT16	10	160
CAMUT.12/25	CAMUT25	10	160
CB10/PT	CB431	25	166
CB10/PT [Ex]i	CBX44	25	166

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CB35/PT [Ex]i	CBX63	25	166
CB4/6/PT	CB241	25	166
CB4/6/PT [Ex]i	CBX25	25	166
CB50/PT	CB711	10	166
CB50/PT [Ex]i	CBX73	10	166
CB70/PT	CB811	10	166
CB70/PT [Ex]i	CBX83	10	166
CBC.10 [Ex]i	CB110	100	68
CBC.10/GR	CBC10GR	100	68
CBC.16 [Ex]i	CB116	50	68
CBC.16/GR	CBC16GR	50	68
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CBC.16/PT/GR	CB161GR	25	166
CBC.2 [Ex]i	CB102	120	67
CBC.2-10/PT[Ex]i	CB1061	50	166
CBC.2-10/PT/GR	CB061GR	50	166
CBC.2/GR	CBC02GR	120	67
CBC.35 [Ex]i	CB135	50	68
CBC.35/GR	CBC35GR	50	68
CBC.35/PT[Ex]i	CB1351	25	166
CBC.35/PT/GR	CB351GR	25	166
CBC.4 [Ex]i	CB104	100	67
CBC.4/GR	CBC04GR	100	67
CBC.6 [Ex]i	CB106	100	67
CBC.6/GR	CBC06GR	100	67
CBD.10	CB440	100	80
CBD.10 [Ex]i	CBX45	100	80
CBD.10/GR	CB440GR	100	80
CBD.16	CB510	50	80
CBD.16 [Ex]i	CBX52	50	80
CBD.16/GR	CB510GR	120	80
CBD.2	CB110	120	79
CBD.2 [Ex]i	CBX12	120	79
CBD.2/GR	CB110GR	50	79
CBD.35	CB610	75	80
CBD.35 [Ex]i	CBX62	75	80
CBD.35/GR	CB610GR	75	80
CBD.4	CB240	100	79
CBD.4 [Ex]i	CBX24	100	79
CBD.4/GR	CB240GR	100	79
CBD.50	CB710	50	81
CBD.50 [Ex]i	CBX72	50	81
CBD.50/GR	CB710GR	50	81
CBD.6	CB340	100	79
CBD.6 [Ex]i	CBX34	100	79
CBD.6/GR	CB340GR	100	79
CBD.70	CB810	40	81
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CBF.4/C48/GR	CBF448GR	50	115
CBF.4/GR	CBF04GR	50	109
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CBR.2 [Ex]i	CI110	75	69
CBR.2/GR	CR110GR	75	69
CBR/PT	CR111	25	166
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CBS.2/GR	CBS02GR	100	116
CBS.4	CBS04	80	116
CBS.4 [Ex]i	CBS04I	80	116
CBS.4/GR	CBS04GR	80	116
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CCH/6	CCH06	1	193
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CCV/4	CCV04	1	193
CCV/5	CCV05	1	193
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CF.12/2+2	CF200	25	145
CF.12/CPT	CF900	40	145
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CHP.2/GR	HVP900GR	20	59
CHP.2D [Ex]i	HVP915	20	59
CHP.2D/GR	HVP910GR	20	59
CHTE.2	HVT900	20	60
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CONT/6	CONTC06	10	159
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CPFE.2 + EFS.2/GR	EF5202GR	35	35
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CPFE/4	CPFE04	20	185
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CPM/03	CPM03	25	181
CPM/06	CPM06	10	181
CPM/07	CPM07	10	181
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CPM/83	CPM83	25	181
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CPX/06	CPX06	10	181
CPX/07	CPX07	10	181
CPX/08	CPX08	10	181
CPX/12	CPX12	25	181
CPX/16	CPX16	25	181
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CVF.4	CV100	100	136
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CVF/PT [Ex]i	CV201	25	166
CVF/PT/GR	CV101GR	25	166
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DAS.4/A	DS111	20	130
DAS.4/A/GR	DS111GR	20	130
DAS.4/B	DS112	20	130
DAS.4/B/GR	DS112GR	20	130
DAS.4/C	DS113	20	131
DAS.4/C/GR	DS113GR	20	131
DAS.4/CI	DS117	120	104
DAS.4/CI [Ex]i	DS217	120	104
DAS.4/CI/GR	DS117GR	120	104
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DAS.4/D12	DSD012	20	126
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DAS.4/DD	DS120	20	133
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DAS.4/E	DS115	20	132
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DAS.4/GR	DS100GR	120	104
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DAS.4/L	DS130	20	133
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DAS.4/U	DS129	20	134
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DAS.4/V120	DSV120	20	129
DAS.4/V120/GR	DSV120GR	20	129
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DAS/PT	DS101	25	166
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DBC.2/CI	DB117	120	102
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DBC.2/GR	DB100GR	120	102
DBC.4 [Ex]i	DB500	100	103
DBC.4/CI [Ex]i	DB517	100	103
DBC.4/GR	DB400GR	100	103
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DFH/3/R	DH03R	25	188
DFH/4/R	DH04R	25	188
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DFU/4/R	DU04R	50	188
DFU/5/R	DU05R	25	188
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DSF.4/GR	DA200GR	80	112
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DSF.4/PT/GR	DS401GR	25	166
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DSFA.4/GR	DA100GR	100	113
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DSS/PT	DS301	25	166
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EFB.1/2/B	EFB0102B	20	179
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EFB.1/5/B	EFB0105B	10	179
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EFB.2/3/B	EFB0203B	20	179
EFB.2/3/R	EFB0203R	20	179
EFB.2/5/B	EFB0205B	10	179
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EFB.6/3/R	EFB0603R	20	179
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EFC.1/2+2/PT/GR	EFC121GR	25	166
EFC.1/BL	EFC100BL	100	17
EFC.1/GR	EFC100GR	100	17
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EFC.2/1+2/GR	EFC210GR	120	18
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EFC.2/1+2/PT/GR	EFC211GR	25	166
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EFC.4/1+2/PT/BL	EFC411BL	25	166
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EFC.4/2+2/PT/BL	EFC421BL	25	166
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EFC.4/GR	EFC400GR	120	19
EFC.4/PT/BL	EFC401BL	25	166
EFC.4/PT/GR	EFC401GR	25	166
EFC.6/1+2/BL	EFC610BL	20	20
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EFCE.1/2+2	EFCE120	50	26
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EFCE.2/2+2	EFCE220	60	27
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EFCE.4/1+2	EFCE410	60	28
EFCE.4/2+2	EFCE420	90	28
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EFCE.6/1+2	EFCE610	20	29
EFD.1/BL	EFD100BL	40	21
EFD.1/CI/BL	EFD110BL	40	21
EFD.1/CI/GR	EFD110GR	40	21
EFD.1/E/GR	EFD120GR	40	21
EFD.1/GR	EFD100GR	40	21
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EFD.2/GR	EFD200GR	130	22
EFD.2/PT/BL	EFD201BL	25	166
EFD.2/PT/GR	EFD201GR	25	166
EFD.4/BL	EFD400BL	100	24
EFD.4/CI/BL	EFD410BL	40	24
EFD.4/CI/GR	EFD410GR	40	24
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EFD.4/GR	EFD400GR	100	24
EFD.4/PT/BL	EFD401BL	25	166
EFD.4/PT/GR	EFD401GR	25	166
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EFDE.2	EFDE200	30	30
EFDE.4	EFDE400	40	30
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EFF.4/C230/GR	EFF423GR	35	34
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EFS.2/BL	EFS200BL	75	32
EFS.2/GR	EFS200GR	75	32
EFS.4/BL	EFS400BL	70	32
EFS.4/GR	EFS400GR	70	32
EFT.2/BL	EFT200BL	100	25
EFT.2/CI/BL	EFT210BL	35	25
EFT.2/CI/GR	EFT210GR	35	25
EFT.2/E/GR	EFT220GR	35	25
EFT.2/GR	EFT200GR	100	25
EFT.2/PT/BL	EFT201BL	25	166
EFT.2/PT/GR	EFT201GR	25	166
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GPA.70/GR	GA400GR	25	70
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GPM.150/BB/FIX/GR	GP410GR	6	84
GPM.150/BB/GR	GP400GR	6	84
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GPM.240/C/BB	GP725	4	93
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GPM.240/CC	GP900	4	91
GPM.240/CC/FIX	GP910	4	91
GPM.240/CC/FIX/GR	GP910GR	4	91
GPM.240/CC/GR	GP900GR	4	91
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GPM.95/CC/GR	GP300GR	10	89
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NU0851570	NU0851570	500	204
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NU0851X	NU0851X	500	204
NU0851XV	NU0851XV	500	204
NU0851Y	NU0851Y	500	204
NU0851YV	NU0851YV	500	204
NU0851Z	NU0851Z	500	204
NU0851ZV	NU0851ZV	500	204
NU0861SP	NU0861SP	400	205
NU1051SP	NU1051SP	500	205
NU1055SP	NU1055SP	450	205
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NUT23SP	NUT23SP	300	206
NUT23YSP	NUT23YSP	300	206
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