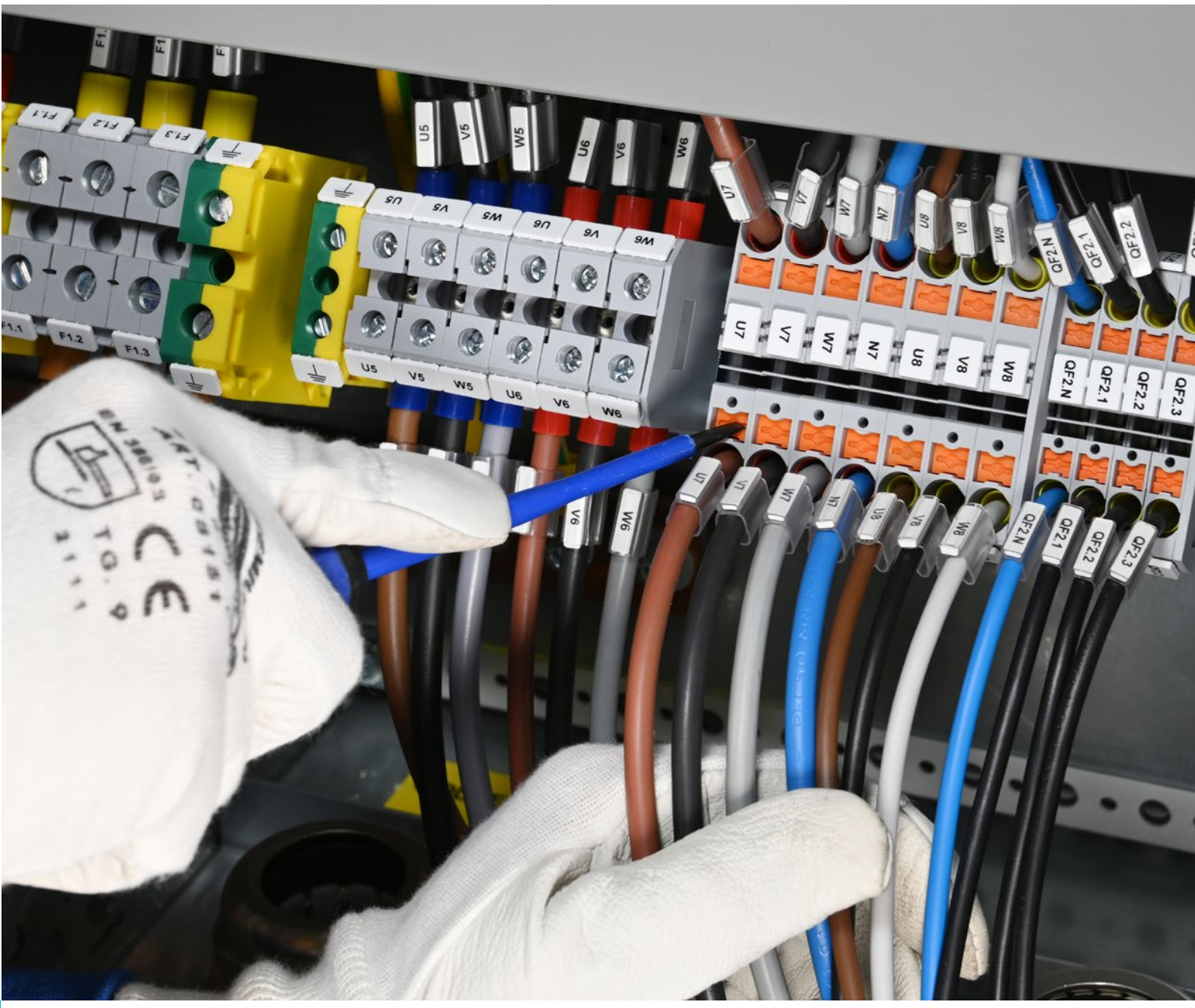
CEMBRE

TERMINAL BLOCKS



www.cembre.com

CEMBRE AT A GLANCE

INNOVATION IS IN OUR DNA

276
Patents and filled applications

121
Registered trademarks in 27 countries

MAIN MANUFACTURING SITE, ITALY

60,000
m^2 of space dedicated to offices, factories, laboratories

121,000
m^2 of site

OUR PRODUCT CODES

17,995
different product codes sold each year

19,515
product codes are available for immediate dispatch

AUTOMATED WAREHOUSE

60,000
bins capacity

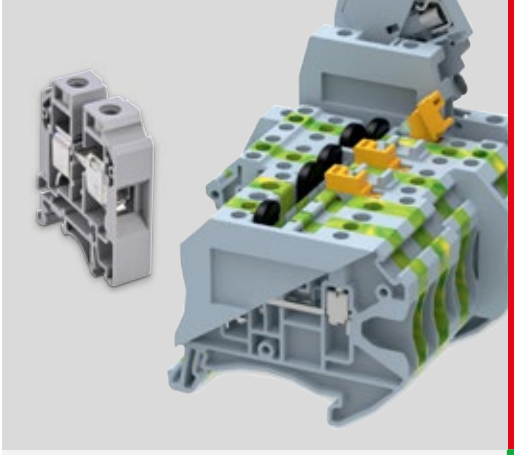
10,000
order lines per working day

MODULAR TERMINALS

- MODULAR TERMINALS WITH SCREW CLAMP
  - **TBS SERIES**
  - **TBS-L2 SERIES** TWO LEVELS
  - **TBS-L2IC SERIES** TWO LEVEL INTERCONNECTED TERMINALS
  - **TBS-L3 SERIES** THREE LEVELS
  - **TBSD SERIES** DISCONNECTORS
  - **TBSF SERIES** WITH FUSE
  - **TBSG SERIES** FOR GROUND NETWORKS
  - **TBSG-2 SERIES** TWO LEVELS FOR GROUND NETWORK
  - **TBS6TM SERIES** FOR TEST AND MEASUREMENT CIRCUITS

- MODULAR TERMINALS WITH PUSH-IN CONNECTION
  - **TBP SERIES**
  - **TBP-2 SERIES** MULTICONDUCTOR
  - **TBP-L2 SERIES** TWO LEVELS
  - **TBP-L2IC SERIES** TWO LEVEL INTERCONNECTED TERMINALS
  - **TBP-L3 SERIES** THREE LEVELS
  - **TBPD SERIES** DISCONNECTORS
  - **TBPF SERIES** WITH FUSE
  - **TBPG SERIES** FOR GROUND NETWORKS
  - **TBPG-2 SERIES** MULTICONDUCTOR FOR GROUND NETWORKS

- MODULAR TERMINALS WITH BOLT CLAMPING
  - **TBB SERIES**



ACCESSORIES

- FOR MODULAR TERMINALS
  - **SL SERIES** JUMPER BARS
  - **EC SERIES** END STOPS for terminals with screw clamp
  - **ECP SERIES** END STOPS for terminals with push-in connection
  - **SP SERIES** SPACER PLATE for terminals with screw clamp
  - **ECL1-TH SERIES** PANEL PLATE MOUNT for end bracket ECL1
  - **TH2.5-L SERIES** PANEL PLATE MOUNT for modular terminals TBS/TBP

INDUSTRIAL MARKING

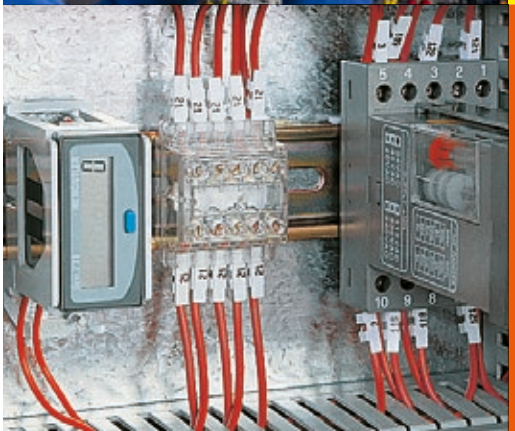
- **MG4** THERMAL TRANSFER PRINTER
- **MG-CPM** MARKER TAGS FOR TERMINALS
- **MG-SPM** TAGS FOR COMPONENTS
- **MG-TAR** TAGS FOR COMPONENTS

POWER DISTRIBUTION BLOCK

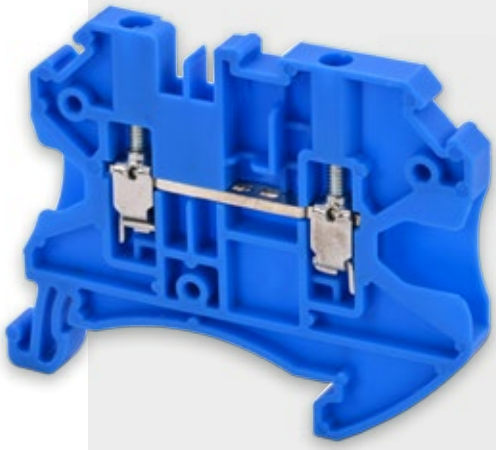
- **DBLOCK SERIES** SINGLE-POLE
- **DBLOCK SERIES** TWO-POLE
- **DBLOCK SERIES** FOUR-POLE
- ACCESSORIES FOR DISTRIBUTION BLOCKS

POWER DISTRIBUTION BLOCKS / TERMINAL BLOCKS

- **ZETAblock SERIES**
- **ZETApiù SERIES**
- **ZETAmini SERIES**
- **EKL SERIES** 12 POLES
- **ZS SERIES** IN STEATITE



CONTENTS



MODULAR TERMINALS
WITH SCREW CLAMP

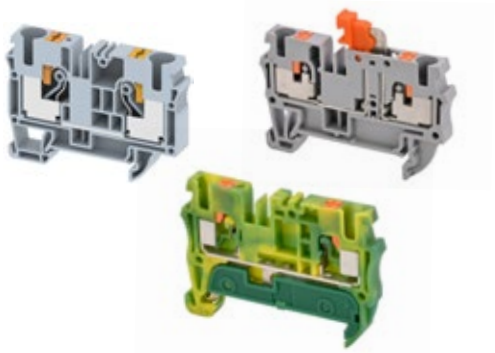
MODULAR TERMINALS
WITH SCREW CLAMP

MODULAR TERMINALS TBS series made of polyamide 6.6 include a practical universal DIN rail attachment (TS35mm and TS32mm) and offer a complete range suitable for all control and power applications.

The screw clamp design offers high contact force and is easy to use.
The range includes inputs for conductors with nominal cross sections from 2.5 to 95 mm^2

The special design of the base has a slot to allow easy mounting and removal of a single terminal from the DIN rail, using a screwdriver.

MODULAR TERMINALS
WITH PUSH-IN CONNECTION



MODULAR TERMINALS TBP series made of polyamide 6.6, feature PUSH-IN clamping connection and the same features as the TBS series.

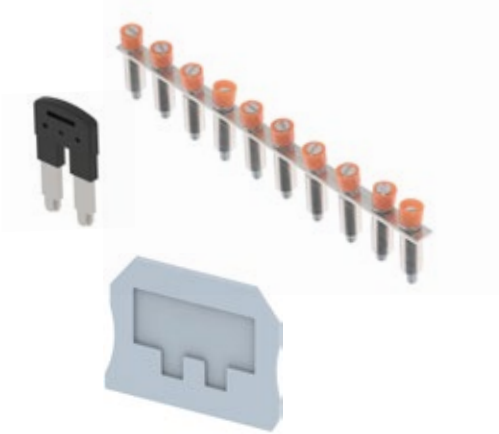
PUSH-IN technology **reduces connection** time for both rigid and flexible cables, it provides maximum contact reliability and is particularly easy to use.

MODULAR TERMINALS
WITH BOLT CLAMPING

MODULAR TERMINALS TBB series made of polyamide 6.6, are characterised by bolt clamping;
TBB series terminal blocks have the same features as the TBS series.

The range includes inputs for conductors with nominal cross sections from 120 to 300 mm^2

ACCESSORIES
FOR MODULAR TERMINALS

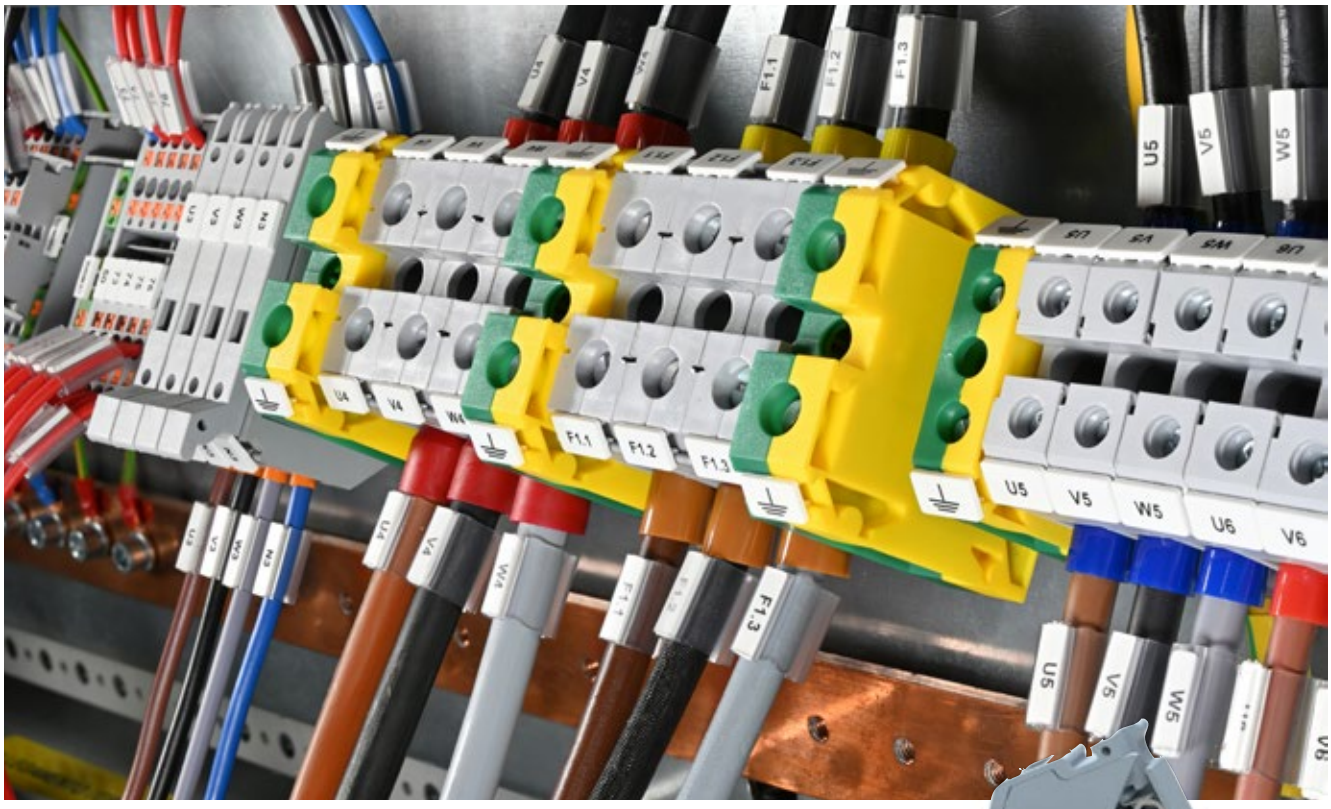


Selecting the proper accessories and using them correctly during terminal assembly is an essential function for **designers and installers of switchboards.**

These accessories are specially designed by CEMBRE to help the installer achieve maximum benefit from using the terminals.

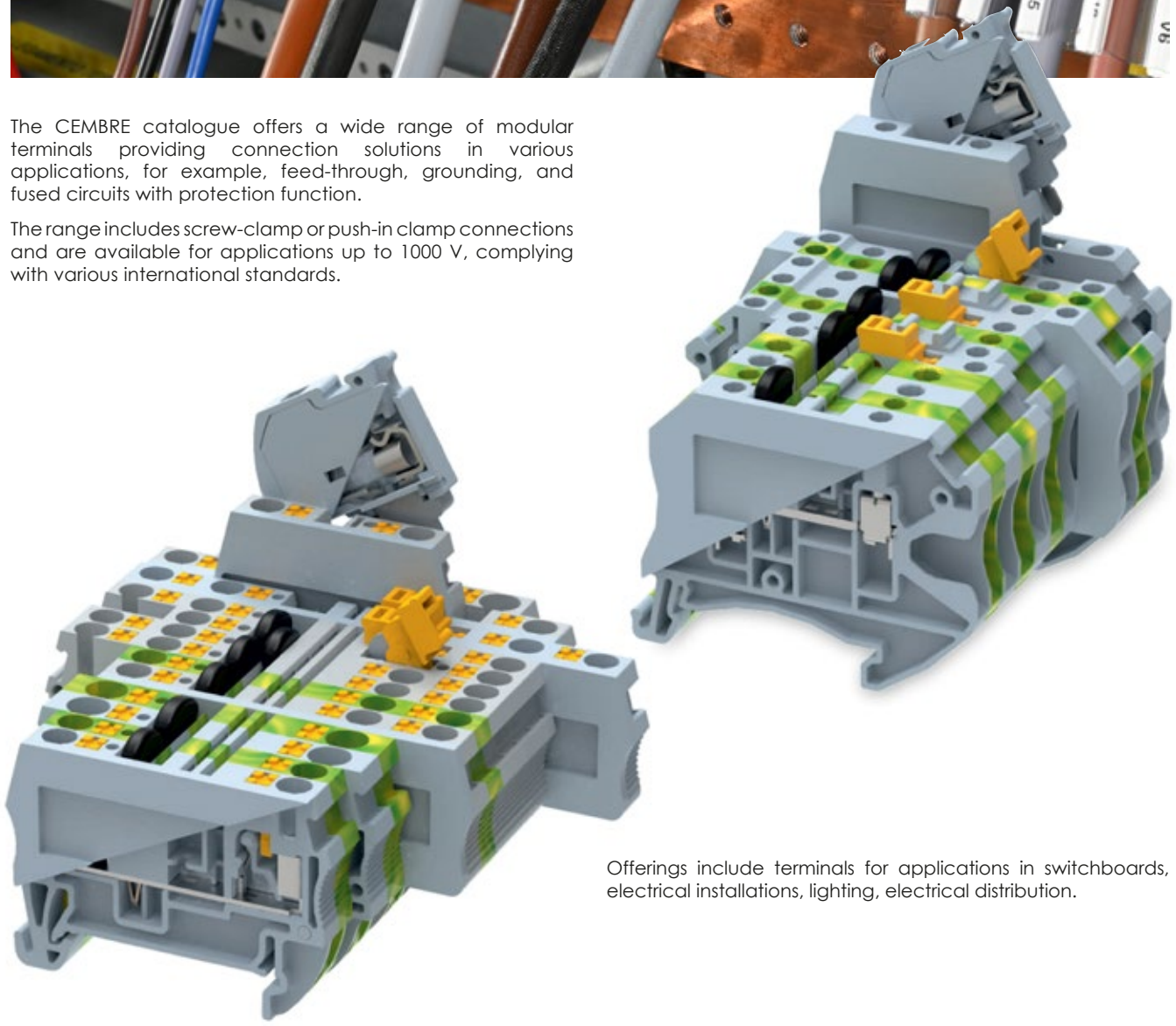
JUMPER BARS: The function of jumpers bars is to interconnect two or more terminals of the same type with the same potential. All connections are made of brass with 5-7 micron nickel coating and are available for connections from 2 to 10 terminals.

END STOPS: The end stops are mainly used to cover the last terminal and to insulate live metal components. They are available for all types of terminals and are grey in colour.



The CEMBRE catalogue offers a wide range of modular terminals providing connection solutions in various applications, for example, feed-through, grounding, and fused circuits with protection function.

The range includes screw-clamp or push-in clamp connections and are available for applications up to 1000 V, complying with various international standards.



Offerings include terminals for applications in switchboards, electrical installations, lighting, electrical distribution.

TBS

MODULAR TERMINALS

with screw clamp - UL certified




Linear scheme				
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA
Type				
Grey ☐	**TBS2.5**	**TBS4**	**TBS6**	**TBS10**
Blue ☐	**TBS2.5-BU**	**TBS4-BU**	**TBS6-BU**	**TBS10-BU**
Nominal cross-section	2.5 mm²	4 mm²	6 mm²	10 mm²
Packaging Qty	100 pcs	100 pcs	50 pcs	50 pcs
Connection capacity				
Flexible conductor cross-section	0.14 - 2.5 mm²	0.14 - 4 mm²	0.2 - 6 mm²	0.5 - 10 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²	0.14 - 4 mm²	0.2 - 6 mm²	0.2 - 10 mm²
Conductor cross-section Rigid	0.14 - 4 mm²	0.14 - 6 mm²	0.2 - 10 mm²	0.5 - 16 mm²
Compliant with IEC 60947-7-1				
Nominal cross-section	2.5 mm²	4 mm²	6 mm²	10 mm²
Rated Voltage	1000 V	1000 V	1000 V	1000 V
Rated current	24 A	32 A	41 A	57 A
Rated peak voltage	8 kV	8 kV	8 kV	8 kV
Pollution degree	3	3	3	3
Compliant with UL 1059				
Nominal cross-section	24-12 AWG	24-10 AWG	24-8 AWG	24-6 AWG
Rated Voltage	600 V	600 V	600 V	600 V
Rated current	25 A	30 A	50 A	65 A
Technical Specifications				
Number of levels	1	1	1	1
Number of connections	2	2	2	2
Number of connections per level	2	2	2	2
Clamping type	screw	screw	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights				
Width	5 mm	6 mm	8 mm	10 mm
Height	45.5 mm	45.5 mm	45.5 mm	45.5 mm
Length	58.9 mm	58.9 mm	58.9 mm	58.9 mm
Weight	7.5 g	9.6 g	13.8 g	17.7 g
Installation				
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	8 mm	8 mm	8 mm	10 mm
Tightening torque	0.4 Nm	0.5 Nm	0.8 Nm	1.2 Nm
Internal cylindrical gauge	A3/B3	A4/B4	A5/B5	A6/B6
Accessories				
Jumper bar (2 poles)	SL5-2	SL6-2	SL8-2	SL10-2
Jumper bar (3 poles)	SL5-3	SL6-3	SL8-3	SL10-3
Jumper bar (4 poles)	SL5-4	SL6-4	SL8-4	SL10-4
Jumper bar (5 poles)	SL5-5	SL6-5	SL8-5	SL10-5
Jumper bar (6 poles)	SL5-6	SL6-6	SL8-6	-
Jumper bar (10 poles)	SL5-10	SL6-10	SL8-10	-
End stop	EC2.5-10	EC2.5-10	EC2.5-10	EC2.5-10
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41095	MG-CPM-01 / 41096	MG-CPM-01 / 41090N

TBS

MODULAR TERMINALS

with screw clamp - UL certified

Linear scheme			
Marking/Approvals			
Type			
Grey	**TBS16**	**TBS25**	**TBS35**
Blue	**TBS16-BU**	**-**	**TBS35-BU**
Nominal cross-section	16 mm²	25 mm²	35 mm²
Packaging Qty	50 pcs	50 pcs	50 pcs
Connection capacity			
Flexible conductor cross-section	6 - 16 mm²	6 - 25 mm²	10 - 35 mm²
Flexible conductor cross-section (with end sleeve)	6 - 16 mm²	6 - 25 mm²	10 - 35 mm²
Conductor cross-section Rigid	6 - 25 mm²	6 - 25 mm²	10 - 35 mm²
Compliant with IEC 60947-7-1			
Nominal cross-section	16 mm²	25 mm²	35 mm²
Rated Voltage	1000 V	1000 V	1000 V
Rated current	76 A	101 A	125 A
Rated peak voltage	8 kV	8 kV	8 kV
Pollution degree	3	3	3
Compliant with UL 1059			
Nominal cross-section	12-3 AWG	10-2 AWG	14-1 AWG
Rated voltage	600 V	600 V	600 V
Rated current	100 A	115 A	140 A
Technical Specifications			
Number of levels	1	1	1
Number of connections	2	2	2
Number of connections per level	2	2	2
Clamping type	screw	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights			
Width	12 mm	12 mm	17 mm
Height	52.0 mm	56.0 mm	58 mm
Length	44.5 mm	45.0 mm	51 mm
Weight	26 g	36 g	55 g
Installation			
Fixing type (DIN rail)	TS 35/7.5; TS 35/15; TS 32	TS 35/7.5; TS 35/15; TS 32	TS 35/7.5; TS 35/15; TS 32
Wire stripping length	15 mm	15 mm	17 mm
Tightening torque	1.2 Nm	2.3 Nm	3 Nm
Internal cylindrical gauge	A7	A7/B7	A9
Accessories			
Jumper bar (2 poles)	SL16S-2	SL25S-2	SL35S-2
Jumper bar (3 poles)	-	SL25S-3	SL35S-3
Jumper bar (4 poles)	SL16S-4	SL25S-4	SL35S-4
Jumper bar (5 poles)	SL16S-5	SL25S-5	SL35S-5
Jumper bar (6 poles)	-	-	-
Jumper bar (10 poles)	SL16S-10	SL25S-10	SL35S-10
End stop	EC16	EC25	-
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N

TBS

MODULAR TERMINALS

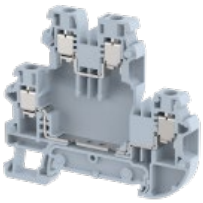
with screw clamp - UL certified

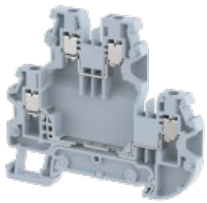
Linear scheme	○—•—○	○—•—○	○—•—○
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA RINA	CE UKCA cULus File no. E523349 RINA
Type			
Grey ☐	**TBS50**	**TBS70**	**TBS95**
Blue ☐	**TBS50-BU**	**TBS70-BU**	**-**
Nominal cross-section	50 mm²	50-70 mm²	95 mm²
Packaging Qty	10 pcs	10 pcs	10 pcs
Connection capacity			
Flexible conductor cross-section	16 - 50 mm²	16 - 50 mm²	25 - 95 mm²
Flexible conductor cross-section (with end sleeve)	16 - 50 mm²	16 - 50 mm²	25 - 95 mm²
Conductor cross-section Rigid	16 - 70 mm²	16 - 70 mm²	25 - 120 mm²
Compliant with IEC 60947-7-1			
Nominal cross-section	50 mm²	50-70 mm²	95 mm²
Rated voltage	1000 V	1000 V	1000 V
Rated current	150 A	192 A	232 A
Rated peak voltage	8 kV	8 kV	8 kV
Pollution degree	3	3	3
Compliant with UL 1059			
Nominal cross-section	6-2/0 AWG	-	2-4/0 AWG
Rated voltage	600 V	-	600 V
Rated current	150 A	-	230 A
Technical Specifications			
Number of levels	1	1	1
Number of connections	2	2	2
Number of connections per level	2	2	2
Clamping type	screw	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights			
Width	20.6 mm	20.6 mm	25.0 mm
Height	76.0 mm	76.0 mm	90.2 mm
Length	71.0 mm	71.0 mm	83.0 mm
Weight	116 g	119 g	205 g
Installation			
Fixing type (DIN rail)	TS 35/7.5; TS 35/15; TS 32	TS 35/7.5; TS 35/15; TS 32	TS 35/7.5; TS 35/15; TS 32
Wire stripping length	24 mm	24 mm	33 mm
Tightening torque	8 Nm	8 Nm	20 Nm
Internal cylindrical gauge	A10	A10	A12/B12
Accessories			
Jumper bar (2 poles)	SL50/70S-2	SL50/70S-2	-
Jumper bar (3 poles)	SL50/70S-3	SL50/70S-3	-
Jumper bar (4 poles)	-	-	-
Jumper bar (5 poles)	SL50/70S-5	SL50/70S-5	-
Jumper bar (6 poles)	-	-	-
Jumper bar (10 poles)	-	-	-
End stop	-	-	-
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N

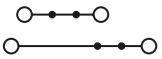
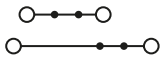
TBS-L2

TWO LEVEL MODULAR TERMINALS

with screw clamp - UL certified



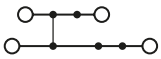


Linear scheme		
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA
Type		
Grey ☐	**TBS2.5-L2**	**TBS4-L2**
Nominal cross-section	2.5 mm²	4 mm²
Packaging Qty	100 pcs	100 pcs
Connection capacity		
Flexible conductor cross-section	0.14 - 2.5 mm²	0.14 - 4 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²	0.14 - 4 mm²
Conductor cross-section Rigid	0.14 - 4.0 mm²	0.14 - 6 mm²
Compliant with IEC 60947-7-1		
Nominal cross-section	2.5 mm²	4 mm²
Rated voltage	500 V	800 V
Rated current	24 A	32 A
Rated peak voltage	6 kV	6 kV
Pollution degree	3	3
Compliant with UL 1059		
Nominal cross-section	26-12 AWG	24-10 AWG
Rated voltage	300 V	300 V
Rated current	20 A	30 A
Technical Specifications		
Number of levels	2	2
Number of connections	4	4
Number of connections per level	2	2
Clamping type	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2
Maximum operating temperature	130°C	130°C
Minimum operating temperature	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights		
Width	5 mm	6 mm
Height	62.5 mm	62.5 mm
Length	71.0 mm	71.0 mm
Weight	12 g	17 g
Installation		
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	8 mm	8 mm
Tightening torque	0.4 Nm	0.5 Nm
Internal cylindrical gauge	A2	A3
Accessories		
Jumper bar (2 poles)	SL5-2	SL6-2
Jumper bar (3 poles)	SL5-3	SL6-3
Jumper bar (4 poles)	SL5-4	SL6-4
Jumper bar (5 poles)	SL5-5	SL6-5
Jumper bar (6 poles)	SL5-6	SL6-6
Jumper bar (10 poles)	SL5-10	SL6-10
End stop	EC2.5-4-L2	EC2.5-4-L2
End brackets	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41095

TBS-L2IC

TWO LEVEL INTERCONNECTED TERMINALS

with screw clamp - UL certified

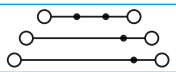
Linear scheme	
Marking/Approvals	CE UKCA cULus File no. E523349 RINA

Type	
Grey ☐	**TBS2.5-L2IC**
Nominal cross-section	2.5 mm²
Packaging Qty	100 pcs
Connection capacity	
Flexible conductor cross-section	0.14 - 2.5 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²
Conductor cross-section Rigid	0.14 - 4.0 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	2.5 mm²
Rated voltage	500 V
Rated current	24 A
Rated peak voltage	6 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	26-12 AWG
Rated voltage	300 V
Rated current	20 A
Technical Specifications	
Number of levels	2
Number of connections	4
Number of connections per level	2
Clamping type	screw
Insulating body material	Polyamide 6.6
Conductor body material	CRCA
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	5 mm
Height	62.5 mm
Length	71.0 mm
Weight	14 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	10 mm
Tightening torque	0.4 Nm
Internal cylindrical gauge	A2
Accessories	
Jumper bar (2 poles)	SL5-2
Jumper bar (3 poles)	SL5-3
Jumper bar (4 poles)	SL5-4
Jumper bar (5 poles)	SL5-5
Jumper bar (6 poles)	SL5-6
Jumper bar (10 poles)	SL5-10
End stop	EC2.5-4-L2
End brackets	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N
Label holder	TH2.5-L2

TBS-L3

THREE LEVEL MODULAR TERMINALS

with screw clamp - UL certified

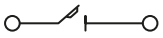
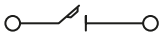
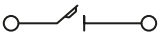
Linear scheme	
Marking/Approvals	

Type	
Grey	**TBS2.5-L3**
Nominal cross-section	2.5 mm²
Packaging Qty	50 pcs
Connection capacity	
Flexible conductor cross-section	0.14 - 2.5 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²
Conductor cross-section Rigid	0.14 - 4.0 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	2.5 mm²
Rated voltage	1000 V
Rated current	24 A
Rated peak voltage	8 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	24-12 AWG
Rated voltage	300 V
Rated current	20 A
Technical Specifications	
Number of levels	3
Number of connections	6
Number of connections per level	2
Clamping type	screw
Insulating body material	Polyamide 6.6
Conductor body material	CRCA
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	6 mm
Height	70 mm
Length	88 mm
Weight	24.5 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	8 mm
Tightening torque	0.4 Nm
Internal cylindrical gauge	A2
Accessories	
Jumper bar (2 poles)	SL5-2
Jumper bar (3 poles)	SL5-3
Jumper bar (4 poles)	SL5-4
Jumper bar (5 poles)	SL5-5
Jumper bar (6 poles)	SL5-6
Jumper bar (10 poles)	SL5-10
End stop	EC2.5-L3
End brackets	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N
Label holder	TH2.5-L3

TBSD

DISCONNECT MODULAR TERMINALS

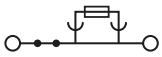
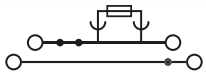
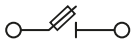
with screw clamp

Linear scheme			
Marking/Approvals	CE UKCA RINA	CE UKCA RINA	CE UKCA RINA
Type			
Grey ☐	**TBS2.5D**	**TBS4D**	**TBS6D**
Nominal cross-section	2.5 mm²	4 mm²	6 mm²
Packaging Qty	100 pcs	100 pcs	100 pcs
Connection capacity			
Flexible conductor cross-section	0.5 - 2.5 mm²	0.5 - 4 mm²	0.5 - 6 mm²
Flexible conductor cross-section (with end sleeve)	0.5 - 2.5 mm²	0.5 - 4 mm²	0.5 - 6 mm²
Conductor cross-section Rigid	0.5 - 4 mm²	0.5 - 6 mm²	0.5 - 10 mm²
Compliant with IEC 60947-7-1			
Nominal cross-section	2.5 mm²	4 mm²	6 mm²
Rated voltage	1000 V	1000 V	800 V
Rated current	20 A	24 A	32 A
Rated peak voltage	4 kV	6 kV	8 kV
Pollution degree	3	3	3
Compliant with UL 1059			
Nominal cross-section	-	-	-
Rated voltage	-	-	-
Rated current	-	-	-
Technical Specifications			
Number of levels	1	1	1
Number of connections	2	2	2
Number of connections per level	2	2	2
Clamping type	screw	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights			
Width	5 mm	6 mm	8 mm
Height	50.5 mm	50.5 mm	50.8 mm
Length	62.0 mm	62.0 mm	53.0 mm
Weight	10 g	12 g	18 g
Installation			
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15; TS 32
Wire stripping length	10 mm	12 mm	12 mm
Tightening torque	0.4 Nm	0.5 Nm	0.8 Nm
Internal cylindrical gauge	A3	A4	A5
Accessories			
Jumper bar (2 poles)	SL5-2	SL6-2	SL6D-2
Jumper bar (3 poles)	SL5-3	SL6-3	SL6D-3
Jumper bar (4 poles)	SL5-4	SL6-4	-
Jumper bar (5 poles)	SL5-5	SL6-5	-
Jumper bar (6 poles)	SL5-6	SL6-6	-
Jumper bar (10 poles)	SL5-10	SL6-10	SL6D-10
End stop	EC2.5-4D	EC2.5-4D	EC6D
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41094 MG-CPM-12 / 46390	MG-CPM-01 / 41094 MG-CPM-15 / 42909	MG-CPM-01 / 41096

TBSF

MODULAR TERMINALS WITH FUSE

with screw clamp - UL certified

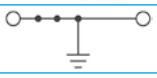
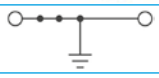
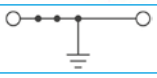
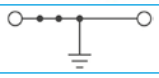
Linear scheme			
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA
Type			
Grey ☐	**TBS4F**	**TBS4F-L2**	**TBS4F-R**
Nominal cross-section	4 mm²	4 mm²	4 mm²
Packaging Qty	100 pcs	50 pcs	100 pcs
Connection capacity			
Flexible conductor cross-section	0.14 - 4 mm²	0.14 - 4 mm²	0.5 - 4 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 4 mm²	0.14 - 4 mm²	0.5 - 4 mm²
Conductor cross-section Rigid	0.14 - 6 mm²	0.14 - 6 mm²	0.5 - 6 mm²
Compliant with IEC 60947-7-1			
Nominal cross-section	4 mm²	4 mm²	4 mm²
Rated voltage	1000 V	500 V	800 V
Rated current	10 A	10 A(UT) 28 A(LT)	12 A
Rated peak voltage	8 kV	8 kV	8 kV
Pollution degree	3	3	3
Compliant with UL 1059			
Nominal cross-section	24-10 AWG	24-10 AWG	24-10 AWG
Rated voltage	600 V	300 V	600 V
Rated current	6.3 A	6.3 A(UT) 30 A(LT)	12 A
Technical Specifications			
Number of levels	1	2	1
Number of connections	2	4	2
Number of connections per level	2	2	2
Clamping type	screw	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights			
Width	6 mm	6 mm	9 mm
Height	70.7 mm	96.0 mm	54.5 mm
Length	58.9 mm	92.0 mm	78.5 mm
Weight	15 g	30 g	22 g
Fuse size	5 x 20 mm	5 x 20 mm	6 x 35 mm
Installation			
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15; TS 32
Wire stripping length	12 mm	8 mm	12 mm
Tightening torque	0.5 Nm	0.5 Nm	0.5 Nm
Internal cylindrical gauge	A4/B4	A4/B4	A3
Accessories			
Jumper bar (2 poles)	SL6-2	SL6-2	-
Jumper bar (3 poles)	SL6-3	SL6-3	-
Jumper bar (4 poles)	SL6-4	SL6-4	-
Jumper bar (5 poles)	SL6-5	SL6-5	-
Jumper bar (6 poles)	SL6-6	SL6-6	-
Jumper bar (10 poles)	SL6-10	SL6-10	-
End stop	-	-	EC4F-R
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41095	MG-CPM-01 / 41095	MG-CPM-02 / 41190N side and front mount MG-CPM-01 / 41096 front mount

TBSG

MODULAR TERMINALS FOR GROUND NETWORKS

with screw clamp - UL certified

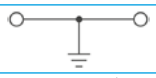
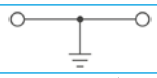
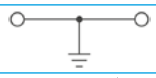



Linear scheme				
Marking/Approvals	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA
Type				
Yellow/green	**TBSG2.5**	**TBSG4**	**TBSG6**	**TBSG10**
Nominal cross-section	2.5 mm²	4 mm²	6 mm²	10 mm²
Packaging Qty	100 pcs	100 pcs	50 pcs	50 pcs
Connection capacity				
Flexible conductor cross-section	0.14 - 2.5 mm²	0.14 - 4 mm²	0.2 - 6 mm²	0.5 - 10 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²	0.14 - 4 mm²	0.2 - 6 mm²	0.2 - 10 mm²
Conductor cross-section Rigid	0.14 - 4 mm²	0.14 - 6 mm²	0.2 - 10 mm²	0.5 - 16 mm²
Compliant with IEC 60947-7-1				
Nominal cross-section	2.5 mm²	4 mm²	6 mm²	10 mm²
Rated voltage	-	-	-	-
Rated current	-	-	-	-
Rated peak voltage	-	-	-	-
Pollution degree	-	-	-	-
Compliant with UL 1059				
Nominal cross-section	24-12 AWG	24-10 AWG	24-8 AWG	24-6 AWG
Rated voltage	-	-	-	-
Rated current	-	-	-	-
Technical Specifications				
Number of levels	1	1	1	1
Number of connections	2	2	2	2
Number of connections per level	2	2	2	2
Clamping type	screw	screw	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights				
Width	5 mm	6 mm	8 mm	10 mm
Height	45.5 mm	45.5 mm	45.5 mm	45.5 mm
Length	58.9 mm	58.9 mm	58.4 mm	58.9 mm
Weight	10.6 g	12.7 g	16.8 g	24.0 g
Installation				
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	8 mm	8 mm	8 mm	10 mm
Tightening torque	0.4 Nm	0.5 Nm	0.8 Nm	1.2 Nm
Internal cylindrical gauge	A3/B3	A4/B4	A5/B5	A6/B6
Accessories				
Jumper bar (2 poles)	SL5-2	SL6-2	SL8-2	SL8-2
Jumper bar (3 poles)	SL5-3	SL6-3	SL8-3	SL8-3
Jumper bar (4 poles)	SL5-4	SL6-4	SL8-4	SL8-4
Jumper bar (5 poles)	SL5-5	SL6-5	SL8-5	SL8-5
Jumper bar (6 poles)	SL5-6	SL6-6	SL8-6	-
Jumper bar (10 poles)	SL5-10	SL6-10	SL8-10	-
End stop	EC2.5-10	EC2.5-10	EC2.5-10	EC2.5-10
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41095	MG-CPM-01 / 41096	MG-CPM-01 / 41090N

TBSG

MODULAR TERMINALS FOR GROUND NETWORKS

with screw clamp - UL certified

Linear scheme			
Marking/Approvals	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA
Type			
Yellow/green	**TBSG16**	**TBSG35**	**TBSG50**
Nominal cross-section	16 mm²	35 mm²	50 mm²
Packaging Qty	50 pcs	20 pcs	10 pcs
Connection capacity			
Flexible conductor cross-section	6 - 16 mm²	6 - 35 mm²	16 - 50 mm²
Flexible conductor cross-section (with end sleeve)	6 - 16 mm²	6 - 35 mm²	16 - 50 mm²
Conductor cross-section Rigid	6 - 25 mm²	6 - 35 mm²	16 - 50 mm²
Compliant with IEC 60947-7-1			
Nominal cross-section	16 mm²	35 mm²	50 mm²
Rated voltage	-	-	-
Rated current	-	-	-
Rated peak voltage	8 kV	8 kV	8 kV
Pollution degree	3	3	3
Compliant with UL 1059			
Nominal cross-section	12-3 AWG	8-1 AWG	6-2/0 AWG
Rated voltage	-	-	-
Rated current	-	-	-
Technical Specifications			
Number of levels	1	1	1
Number of connections	2	2	2
Number of connections per level	2	2	2
Clamping type	screw	screw	screw
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights			
Width	12.0 mm	16.5 mm	20.5 mm
Height	51.3 mm	63.2 mm	75.8 mm
Length	45.0 mm	58.0 mm	71.0 mm
Weight	44.0 g	101.0 g	183.0 g
Installation			
Fixing type (DIN rail)	TS 35/7.5; TS 35/15; TS 32	TS 35/7.5; TS 35/15; TS 32	TS 35/7.5; TS 35/15; TS 32
Wire stripping length	13 mm	17 mm	20 mm
Tightening torque	1.2 Nm	3 Nm	8 Nm
Internal cylindrical gauge	A7	A9/B9	A10/B10
Accessories			
Jumper bar (2 poles)	-	-	-
Jumper bar (3 poles)	-	-	-
Jumper bar (4 poles)	-	-	-
Jumper bar (5 poles)	-	-	-
Jumper bar (6 poles)	-	-	-
Jumper bar (10 poles)	-	-	-
End stop	-	-	-
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N

TBSG-L2

TWO LEVEL MODULAR TERMINALS FOR GROUND NETWORKS

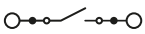
with screw clamp - UL certified

Linear scheme	
Marking/Approvals	CE UKCA cULus File no. E523349 RINA
Type	
Yellow/green	**TBSG4-L2**
Nominal cross-section	4 mm²
Packaging Qty	100 pcs
Connection capacity	
Flexible conductor cross-section	0.14 - 4 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 4 mm²
Conductor cross-section Rigid	0.14 - 6 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	4 mm²
Rated voltage	-
Rated current	-
Rated peak voltage	8 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	24-10 AWG
Rated voltage	-
Rated current	-
Technical Specifications	
Number of levels	2
Number of connections	4
Number of connections per level	2
Clamping type	screw
Insulating body material	Polyamide 6.6
Conductor body material	CRCA
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	6 mm
Height	62.5 mm
Length	71.0 mm
Weight	20.0 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	8 mm
Tightening torque	0.5 Nm
Internal cylindrical gauge	A4
Accessories	
Jumper bar (2 poles)	SL6-2
Jumper bar (3 poles)	SL6-3
Jumper bar (4 poles)	SL6-4
Jumper bar (5 poles)	SL6-5
Jumper bar (6 poles)	SL6-6
Jumper bar (10 poles)	SL6-10
End stop	EC2.5-4-L2
End brackets	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41095

TBS6TM

MODULAR TERMINALS FOR TEST AND MEASUREMENT CIRCUITS

with screw clamp - UL certified

Linear scheme	
Marking/Approvals	CE UKCA RINA
Type	
Grey ☐	**TBS6TM**
Nominal cross-section	6 mm²
Packaging Qty	50 pcs
Connection capacity	
Flexible conductor cross-section	0.5 - 6 mm²
Flexible conductor cross-section (with end sleeve)	0.5 - 6 mm²
Conductor cross-section Rigid	0.5 - 10 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	6 mm²
Rated voltage	1000 V
Rated current	41 A
Rated peak voltage	8 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	24 - 8 AWG
Rated voltage	600 V
Rated current	35 A
Technical Specifications	
Number of levels	1
Number of connections	2
Number of connections per level	2
Clamping type	screw
Insulating body material	Polyamide 6.6
Conductor body material	CRCA
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	8 mm
Height	71 mm
Length	85.5 mm
Weight	38.1 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	12 mm
Tightening torque	min 1Nm - max 1.1Nm
Internal cylindrical gauge	A5/B5
Accessories	
Jumper bar (2 poles)	SL90TM-2
Jumper bar (4 poles)	SL90TM-4
End stop	EC6TM
Test plug	TP1-BK; TP1-RE
Tag (Family / Type)	MG-CPM-01 / 41096 - 41064

Dedicated accessories available (see page 18):

- Jumper bars
- Test plugs
- End stop

SL90TM

JUMPER BARS

for modular terminals for test and measurement circuits

Jumper bar		
Type	**SL90TM-2**	**SL90TM-4**
Number of connections	2	4
Dimensions		
Width	14.6 mm	30.6 mm
Height	13.6 mm	13.6 mm
Pitch	8.0 mm	8.0 mm
Packaging Qty	50 pcs	25 pcs
Used with		
Screw clamp connection	TBS6TM	TBS6TM
Operating temperatures		
Maximum operating temperature	130°C	130°C
Minimum operating temperature	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C

TP1

TEST PLUG

for modular terminals for test and measurement circuits

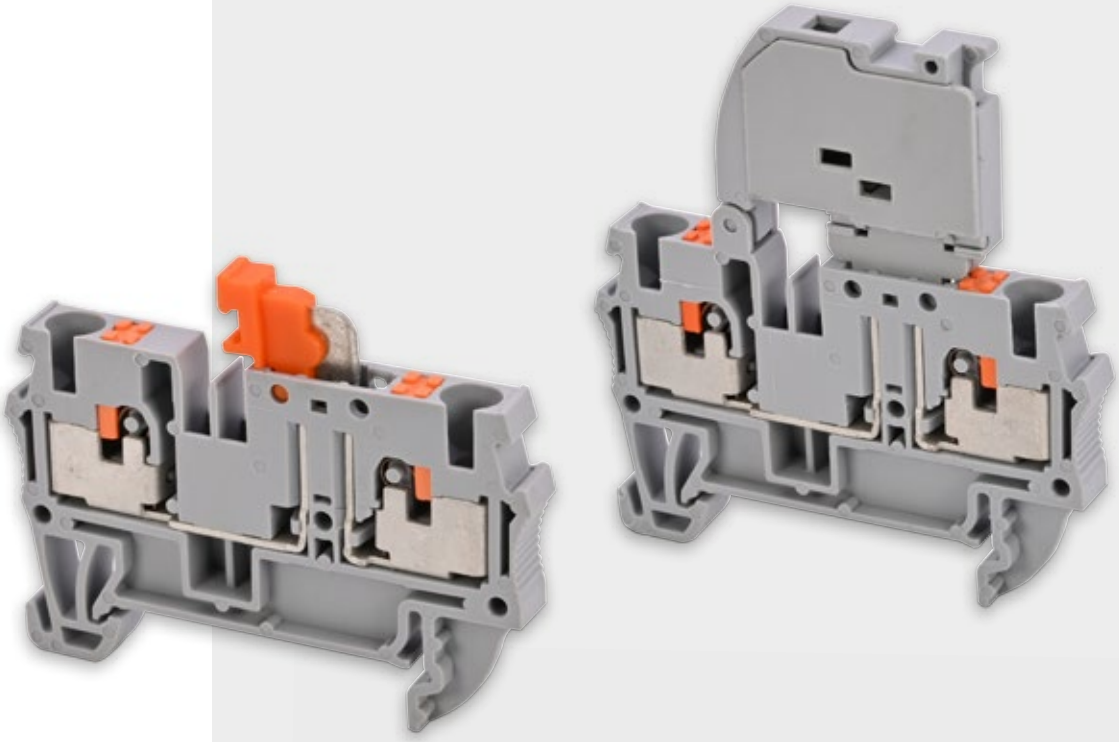
Test plug		
Type	**TP1-BK**	**TP1-RE**
Number of connections	1	1
Dimensions		
Height	38.7 mm	38.7 mm
Diameter	6.9 mm	6.9 mm
Packaging Qty	25 pcs	25 pcs
Used with		
Screw clamp connection	TBS6TM	TBS6TM
Operating temperatures		
Maximum operating temperature	130°C	130°C
Minimum operating temperature	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C

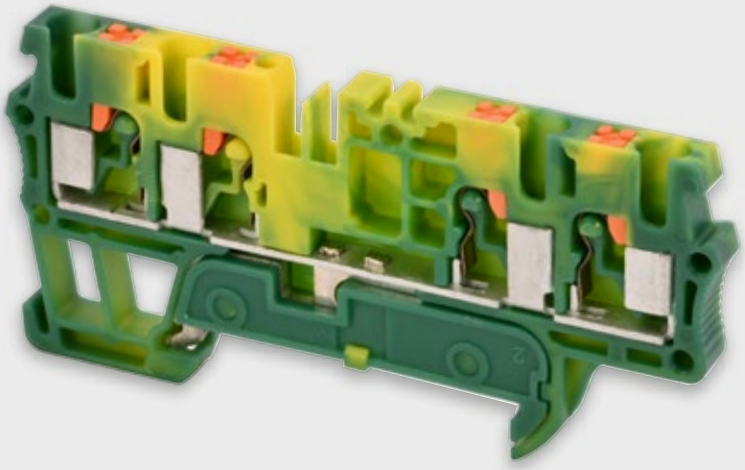
EC6TM

END STOP

for modular terminals for test and measurement circuits

End stop	
Type	**EC6TM**
Dimensions	
Width	85.1 mm
Height	46.4 mm
Thickness	2 mm
Packaging Qty	100 pcs
Used with	
screw clamp connection	TBS6TM





MODULAR TERMINALS
WITH PUSH-IN CONNECTION

TBP

MODULAR TERMINALS

with push-in clamp - UL certified



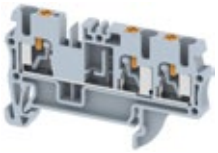
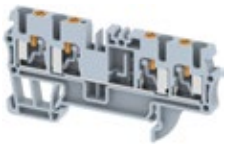
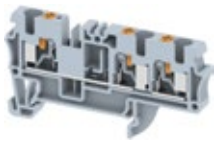


Linear scheme					
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA
Type					
Grey	**TBP1.5**	**TBP2.5**	**TBP4**	**TBP6**	**TBP10**
Blue	-	**TBP2.5-BU**	**TBP4-BU**	**TBP6-BU**	**TBP10-BU**
Nominal cross-section	1.5 mm²	2.5 mm²	4 mm²	6 mm²	10 mm²
Packaging Qty	100 pcs	100 pcs	100 pcs	50 pcs	50 pcs
Connection capacity					
Flexible conductor cross-section	0.14 - 1.5 mm²	0.14 - 2.5 mm²	0.14 - 4 mm²	0.2 - 6 mm²	0.5 - 10 mm²
Flexible conductor cross-section (with end sleeve)	0.08 - 1.5 mm²	0.14 - 2.5 mm²	0.14 - 4 mm²	0.25 - 6 mm²	0.5 - 10 mm²
Conductor cross-section Rigid	0.08 - 2.5 mm²	0.08 - 4 mm²	0.08 - 6 mm²	0.2 - 10 mm²	0.5 - 16 mm²
Compliant with IEC 60947-7-1					
Nominal cross-section	1.5 mm²	2.5 mm²	4 mm²	6 mm²	10 mm²
Rated voltage	1000 V	1000 V	1000 V	1000 V	1000 V
Rated current	17.5 A	24 A	32 A	41 A	57 A
Rated peak voltage	8 kV	8 kV	8 kV	8 kV	8 kV
Pollution degree	3	3	3	3	3
Compliant with UL 1059					
Nominal cross-section	14 AWG	24-12 AWG	24-10 AWG	24-8 AWG	24-6 AWG
Rated voltage	600 V	600 V	600 V	600 V	600 V
Rated current	15 A	20 A	30 A	40 A	60 A
Technical Specifications					
Number of levels	1	1	1	1	1
Number of connections	2	2	2	2	2
Number of connections per level	2	2	2	2	2
Clamping type	Push-in	Push-in	Push-in	Push-in	Push-in
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	SS	SS	SS	SS	SS
Self-extinguishing class according to UL 94	V2	V2	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights					
Width	3.5 mm	5 mm	6 mm	8 mm	10 mm
Height	30.5 mm	36.0 mm	36.0 mm	42.9 mm	49.5 mm
Length	47.2 mm	50.7 mm	56.0 mm	64.2 mm	70.2 mm
Weight	3.0 g	6.0 g	8.8 g	15.4 g	27.0 g
Installation					
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	10 mm	10 mm	10 mm	12 mm	16-18 mm
Internal cylindrical gauge	A1/B1	A3/B3	A4/B4	A5/B5	A5/B5
Accessories					
Jumper bar (2 poles)	SL3.5-2	SL5-2	SL6-2	SL8/1-2	SL10/1-2
Jumper bar (3 poles)	SL3.5-3	SL5-3	SL6-3	SL8/1-3	SL10/1-3
Jumper bar (4 poles)	SL3.5-4	SL5-4	SL6-4	SL8/1-4	SL10/1-4
Jumper bar (5 poles)	SL3.5-5	SL5-5	SL6-5	SL8/1-5	SL10/1-5
Jumper bar (6 poles)	SL3.5-6	SL5-6	SL6-6	-	-
Jumper bar (10 poles)	SL3.5-10	SL5-10	SL6-10	SL8/1-10	-
End stop	ECP1.5	ECP2.5	ECP4	ECP6	ECP10
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41092	MG-CPM-01 / 41090N	MG-CPM-01 / 41095	MG-CPM-01 / 41096	MG-CPM-01 / 41090N

TBP-2

MULTICONDUCTOR MODULAR TERMINALS

with push-in clamp - UL certified


Linear scheme				
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA
Type				
Grey ☐	**TBP2.5X1-2**	**TBP2.5X2-2**	**TBP4X1-2**	**TBP4X2-2**
Nominal cross-section	2.5 mm^2	2.5 mm^2	4 mm^2	4 mm^2
Packaging Qty	100 pcs	100 pcs	100 pcs	100 pcs
Connection capacity				
Flexible conductor cross-section	0.14 - 2.5 mm^2	0.14 - 2.5 mm^2	0.14 - 4 mm^2	0.2 - 4 mm^2
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm^2	0.14 - 2.5 mm^2	0.14 - 4 mm^2	0.14 - 4 mm^2
Conductor cross-section Rigid	0.08 - 4 mm^2	0.08 - 4 mm^2	0.08 - 6 mm^2	0.08 - 6 mm^2
Compliant with IEC 60947-7-1				
Nominal cross-section	2.5 mm^2	2.5 mm^2	4 mm^2	4 mm^2
Rated voltage	1000 V	1000 V	1000 V	1000 V
Rated current	24 A	24 A	32 A	32 A
Rated peak voltage	8 kV	8 kV	8 kV	8 kV
Pollution degree	3	3	3	3
Compliant with UL 1059				
Nominal cross-section	24-12 AWG	24-12 AWG	24-10 AWG	24-10 AWG
Rated voltage	600 V	600 V	600 V	600 V
Rated current	20 A	20 A	30 A	30 A
Technical Specifications				
Number of levels	1	1	1	1
Number of connections	3	4	3	4
Number of connections per level	3	4	3	4
Clamping type	Push-in	Push-in	Push-in	Push-in
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	SS	SS	SS	SS
Self-extinguishing class according to UL 94	V2	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights				
Width	5 mm	5 mm	6 mm	6 mm
Height	36.0 mm	36.0 mm	36.0 mm	36.0 mm
Length	62.5 mm	74.7 mm	69.6 mm	83.0 mm
Weight	8.0 g	10.0 g	11.0 g	13.0 g
Installation				
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	10 mm	10 mm	10 mm	10 mm
Internal cylindrical gauge	A3/B3	A2	A3	A3
Accessories				
Jumper bar (2 poles)	SL5-2	SL5-2	SL6-2	SL6-2
Jumper bar (3 poles)	SL5-3	SL5-3	SL6-3	SL6-3
Jumper bar (4 poles)	SL5-4	SL5-4	SL6-4	SL6-4
Jumper bar (5 poles)	SL5-5	SL5-5	SL6-5	SL6-5
Jumper bar (6 poles)	SL5-6	SL5-6	SL6-6	SL6-6
Jumper bar (10 poles)	SL5-10	SL5-10	SL6-10	SL6-10
End stop	ECP2.5X1-2	ECP2.5X2-2	ECP4X1-2	ECP4X2-2
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N	MG-CPM-01 / 41095	MG-CPM-01 / 41095

TBP-L2

TWO LEVEL MODULAR TERMINALS

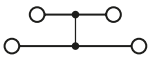
with push-in clamp - UL certified

Linear scheme	
Marking/Approvals	CE UKCA cULus File no. E523349 RINA
Type	
Grey ☐	**TBP2.5-L2**
Nominal cross-section	2.5 mm²
Packaging Qty	100 pcs
Connection capacity	
Flexible conductor cross-section	0.14 - 2.5 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²
Conductor cross-section Rigid	0.08 - 4,0 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	2.5 mm²
Rated voltage	1000 V
Rated current	24 A
Rated peak voltage	6 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	24-12 AWG
Rated voltage	600 V
Rated current	20 A
Technical Specifications	
Number of levels	2
Number of connections	4
Number of connections per level	2
Clamping type	Push-in
Insulating body material	Polyamide 6.6
Conductor body material	CRCA
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	5 mm
Height	47.0 mm
Length	73.2 mm
Weight	10.0 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	10 mm
Internal cylindrical gauge	A3
Accessories	
Jumper bar (2 poles)	SL5-2
Jumper bar (3 poles)	SL5-3
Jumper bar (4 poles)	SL5-4
Jumper bar (5 poles)	SL5-5
Jumper bar (6 poles)	SL5-6
Jumper bar (10 poles)	SL5-10
End stop	ECP2.5-L2
End brackets	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N

TBP-L2IC

TWO LEVEL INTERCONNECTED TERMINALS

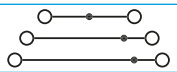
with push-in clamp - UL certified

Linear scheme	
Marking/Approvals	CE UKCA
Type	
Grey ☐	**TBP2.5-L2IC**
Nominal cross-section	2.5 mm²
Packaging Qty	100 pcs
Connection capacity	
Flexible conductor cross-section	0.08 - 2.5 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²
Conductor cross-section Rigid	0.08 - 4,0 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	2.5 mm²
Rated voltage	1000 V
Rated current	24 A
Rated peak voltage	8 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	-
Rated voltage	-
Rated current	-
Technical Specifications	
Number of levels	2
Number of connections	4
Number of connections per level	2
Clamping type	Push-in
Insulating body material	Polyamide 6.6
Conductor body material	CRCA
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	5 mm
Height	47.0 mm
Length	73.2 mm
Weight	11.26 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	10 mm
Internal cylindrical gauge	A3/B3
Accessories	
Jumper bar (2 poles)	SL5-2
Jumper bar (3 poles)	SL5-3
Jumper bar (4 poles)	SL5-4
Jumper bar (5 poles)	SL5-5
Jumper bar (6 poles)	SL5-6
Jumper bar (10 poles)	SL5-10
End stop	ECP2.5-L2
End brackets	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N
Label holder	TH2.5-L2

TBP-L3

THREE LEVEL MODULAR TERMINALS

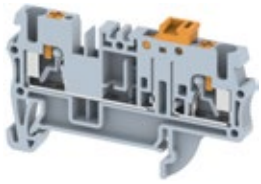
with push-in clamp - UL certified

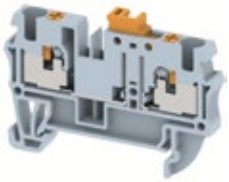
Linear scheme	
Marking/Approvals	CE UK CA
Type	
Grey ☐	**TBP2.5-L3**
Nominal cross-section	2.5 mm²
Packaging Qty	50 pcs
Connection capacity	
Flexible conductor cross-section	0.08 - 2.5 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²
Conductor cross-section Rigid	0.08 - 4.0 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	2.5 mm²
Rated voltage	1000 V
Rated current	24 A
Rated peak voltage	8 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	-
Rated voltage	-
Rated current	-
Technical Specifications	
Number of levels	3
Number of connections	6
Number of connections per level	2
Clamping type	Push-in
Insulating body material	Polyamide 6.6
Conductor body material	CRCA
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	5 mm
Height	108 mm
Length	58 mm
Weight	19.51 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	10 mm
Internal cylindrical gauge	A3/B3
Accessories	
Jumper bar (2 poles)	SL5-2
Jumper bar (3 poles)	SL5-3
Jumper bar (4 poles)	SL5-4
Jumper bar (5 poles)	SL5-5
Jumper bar (6 poles)	SL5-6
Jumper bar (10 poles)	SL5-10
End stop	ECP2.5-L3
End brackets	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N
Label holder	TH2.5-L3

TBPD

DISCONNECT MODULAR TERMINALS

with push-in clamp - UL certified



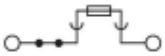


Linear scheme		
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA
Type		
Grey ☐	**TBP2.5D**	**TBP4D**
Nominal cross-section	2.5 mm²	4 mm²
Packaging Qty	100 pcs	100 pcs
Connection capacity		
Flexible conductor cross-section	0.14 - 2.5 mm²	0.14 - 4 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²	0.14 - 4 mm²
Conductor cross-section Rigid	0.08 - 4 mm²	0.08 - 6 mm²
Compliant with IEC 60947-7-1		
Nominal cross-section	2.5 mm²	4 mm²
Rated voltage	1000 V	1000 V
Rated current	20 A	22 A
Rated peak voltage	8 kV	8 kV
Pollution degree	3	3
Compliant with UL 1059		
Nominal cross-section	24-12 AWG	24-10 AWG
Rated voltage	600 V	600 V
Rated current	16 A	22 A
Technical Specifications		
Number of levels	1	1
Number of connections	2	2
Number of connections per level	2	2
Clamping type	Push-in	Push-in
Insulating body material	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2
Maximum operating temperature	130°C	130°C
Minimum operating temperature	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights		
Width	5 mm	6 mm
Height	36.0 mm	36.0 mm
Length	62.5 mm	56.2 mm
Weight	7.0 g	8.0 g
Installation		
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	10 mm	10 mm
Internal cylindrical gauge	A2	A4/B4
Accessories		
Jumper bar (2 poles)	SL5-2	SL6-2
Jumper bar (3 poles)	SL5-3	SL6-3
Jumper bar (4 poles)	SL5-4	SL6-4
Jumper bar (5 poles)	SL5-5	SL6-5
Jumper bar (6 poles)	SL5-6	SL6-6
Jumper bar (10 poles)	SL5-10	SL6-10
End stop	ECP2.5X1-2	ECP4/1
End brackets	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N side mount MG-CPM-01 / 41094 side and front mount	MG-CPM-01 / 41095

TBPF

MODULAR TERMINALS WITH FUSE

with push-in clamp - UL certified

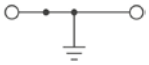
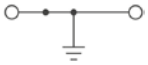
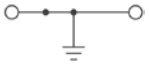
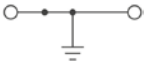
Linear scheme	
Marking/Approvals	CE UKCA cULus File no. E523349 RINA
Type	
Grey ☐	**TBP4F**
Nominal cross-section	4 mm²
Packaging Qty	100 pcs
Connection capacity	
Flexible conductor cross-section	0.14 - 4 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 4 mm²
Conductor cross-section Rigid	0.08-6 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	4 mm²
Rated voltage	1000 V
Rated current	10 A
Rated peak voltage	8 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	24-10 AWG
Rated voltage	600 V
Rated current	6.3 A
Technical Specifications	
Number of levels	1
Number of connections	2
Number of connections per level	2
Clamping type	Push-in
Insulating body material	Polyamide 6.6
Conductor body material	SS
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-60°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	6 mm
Height	61.2 mm
Length	56.0 mm
Weight	13.0 g
Fuse size	5 x 20 mm
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	10 mm
Internal cylindrical gauge	A4
Accessories	
Jumper bar (2 poles)	SL6-2
Jumper bar (3 poles)	SL6-3
Jumper bar (4 poles)	SL6-4
Jumper bar (5 poles)	SL6-5
Jumper bar (6 poles)	SL6-6
Jumper bar (10 poles)	SL6-10
End stop	ECP4/1
End brackets	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41095

TBPG

MODULAR TERMINALS FOR GROUND NETWORKS

with push-in clamp - UL certified



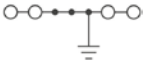
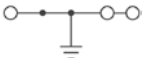
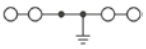

Linear scheme				
Marking/Approvals	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA	CE UKCA cULus File no. E523349 RINA
Type				
Yellow/green	**TBPG2.5**	**TBPG4**	**TBPG6**	**TBPG10**
Nominal cross-section	2.5 mm²	4 mm²	6 mm²	10 mm²
Packaging Qty	100 pcs	100 pcs	50 pcs	50 pcs
Connection capacity				
Flexible conductor cross-section	0.08 - 2.5 mm²	0.08 - 4 mm²	0.2 - 6 mm²	0.5 - 10 mm²
Flexible conductor cross-section (with end sleeve)	0.14 - 2.5 mm²	0.14 - 4 mm²	0.25 - 6 mm²	0.5 - 10 mm²
Conductor cross-section Rigid	0.08 - 4 mm²	0.08 - 6 mm²	0.2 - 10 mm²	0.5 - 16 mm²
Compliant with IEC 60947-7-1				
Nominal cross-section	2.5 mm²	4 mm²	6 mm²	10 mm²
Rated voltage	-	-	-	-
Rated current	-	-	-	-
Rated peak voltage	-	-	-	-
Pollution degree	-	-	-	-
Compliant with UL 1059				
Nominal cross-section	24-12 AWG	24-10 AWG	24-8 AWG	24-6 AWG
Rated voltage	-	-	-	-
Rated current	-	-	-	-
Technical Specifications				
Number of levels	1	1	1	1
Number of connections	2	2	2	2
Number of connections per level	2	2	2	2
Clamping type	Push-in	Push-in	Push-in	Push-in
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	CRCA	CRCA	CRCA	CRCA
Self-extinguishing class according to UL 94	V2	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights				
Width	5 mm	6 mm	8 mm	10 mm
Height	36.0 mm	36.0 mm	42.9 mm	49.5 mm
Length	50.7 mm	56.0 mm	64.2 mm	70.2 mm
Weight	9.0 g	11.0 g	18.0 g	32.0 g
Installation				
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	10 mm	10 mm	10 mm	16-18 mm
Internal cylindrical gauge	A3/B3	A4/B4	A5	A6/B6
Accessories				
Jumper bar (2 poles)	SL5-2	SL6-2	SL8/1-2	SL10/1-2
Jumper bar (3 poles)	SL5-3	SL6-3	SL8/1-3	SL10/1-3
Jumper bar (4 poles)	SL5-4	SL6-4	SL8/1-4	SL10/1-4
Jumper bar (5 poles)	SL5-5	SL6-5	SL8/1-5	SL10/1-5
Jumper bar (6 poles)	SL5-6	SL6-6	-	-
Jumper bar (10 poles)	SL5-10	SL6-10	SL8/1-10	-
End stop	ECP2.5	ECP4	ECP6	ECP10
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41095	MG-CPM-01 / 41096	MG-CPM-01 / 41090N

TBPG-2

MODULAR TERMINALS MULTICONDUCTOR FOR GROUND NETWORKS

with push-in clamp - UL certified




Linear scheme				
Marking/Approvals	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA	CE UK CA cULus File no. E523349 RINA
Type				
Yellow/green	**TBPG2.5X1-2**	**TBPG2.5X2-2**	**TBPG4X1-2**	**TBPG4X2-2**
Nominal cross-section	2.5 mm²	2.5 mm²	4 mm²	4 mm²
Packaging Qty	100 pcs	100 pcs	100 pcs	100 pcs
Connection capacity				
Flexible conductor cross-section	0.08 - 2.5 mm²	0.08 - 2.5 mm²	0.08 - 4 mm²	0.08 - 4 mm²
Flexible conductor cross-section (with end sleeve)	014 - 2.5 mm²	014 - 2.5 mm²	014 - 4 mm²	014 - 4 mm²
Conductor cross-section Rigid	0.08 - 4 mm²	0.08 - 4 mm²	0.08 - 6 mm²	0.08 - 6 mm²
Compliant with IEC 60947-7-1				
Nominal cross-section	2.5 mm²	2.5 mm²	4 mm²	4 mm²
Rated voltage	-	-	-	-
Rated current	-	-	-	-
Rated peak voltage	-	-	-	-
Pollution degree	-	-	-	-
Compliant with UL 1059				
Nominal cross-section	24-12 AWG	24-12 AWG	24-10 AWG	24-10 AWG
Rated voltage	-	-	-	-
Rated current	-	-	-	-
Technical Specifications				
Number of levels	1	1	1	1
Number of connections	3	4	3	4
Number of connections per level	3	4	3	4
Clamping type	Push-in	Push-in	Push-in	Push-in
Insulating body material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Conductor body material	SS	SS	SS	SS
Self-extinguishing class according to UL 94	V2	V2	V2	V2
Maximum operating temperature	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights				
Width	5 mm	5 mm	6 mm	6 mm
Height	36.0 mm	36.0 mm	36.0 mm	36.0 mm
Length	62.5 mm	74.7 mm	69.6 mm	83.0 mm
Weight	10.0 g	12.0 g	13.0 g	16.0 g
Installation				
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	10 mm	10 mm	10 mm	10 mm
Internal cylindrical gauge	A2	A2	A4	A4
Accessories				
Jumper bar (2 poles)	SL5-2	SL5-2	SL6-2	SL6-2
Jumper bar (3 poles)	SL5-3	SL5-3	SL6-3	SL6-3
Jumper bar (4 poles)	SL5-4	SL5-4	SL6-4	SL6-4
Jumper bar (5 poles)	SL5-5	SL5-5	SL6-5	SL6-5
Jumper bar (6 poles)	SL5-6	SL5-6	SL6-6	SL6-6
Jumper bar (10 poles)	SL5-10	SL5-10	SL6-10	SL6-10
End stop	ECP2.5X1-2	ECP2.5X2-2	ECP4X1-2	ECP4X2-2
End brackets	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2	ECL1; ECL2
Tag (Family / Type)	MG-CPM-01 / 41090N	MG-CPM-01 / 41090N	MG-CPM-01 / 41095	MG-CPM-01 / 41095

MODULAR TERMINALS
WITH BOLT CLAMPING

TBB

MODULAR TERMINALS

with bolt clamping - UL certified

Linear scheme		
Marking/Approvals	CE UKCA cULus File no. E523349	CE UKCA cULus File no. E523349
Type		
Grey ☐	**TBB120HC**	**TBB150HC**
Nominal cross-section	120 mm²	150 mm²
Packaging Qty	4 pcs	4 pcs
Connection capacity		
Flexible conductor cross-section	10 - 120 mm²	25 - 150 mm²
Conductor cross-section Rigid	10 - 120 mm²	25 - 150 mm²
Compliant with IEC 60947-7-1		
Nominal cross-section	120 mm²	150 mm²
Rated voltage	1000 V	1000 V
Rated current	269 A	309 A
Rated peak voltage	8 kV	8 kV
Pollution degree	3	3
Compliant with UL 1059		
Nominal cross-section	10 AWG - 300 KCMIL	10 AWG - 350 KCMIL
Rated voltage	1000 V	1000 V
Rated current	285 A	310 A
Technical Specifications		
Number of levels	1	1
Number of connections	2	2
Number of connections per level	1	1
Clamping type	bolt	bolt
Screw thread	M10	M10
Insulating body material	Polyamide 6.6	Polyamide 6.6
Conductor body material	MS	MS
Self-extinguishing class according to UL 94	V2	V2
Maximum operating temperature	130°C	130°C
Minimum operating temperature	-40°C	-40°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights		
Width	42 mm	42 mm
Height	80.3 mm	80.3 mm
Length	225.7 mm	225.7 mm
Weight	290 g	297.8 g
Installation		
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	According to lug size	According to lug size
Tightening torque	10 Nm	10 Nm
Internal cylindrical gauge	-	-
Accessories		
End stop	-	-
End brackets	-	-
Tag (Family / Type)	MG-CPM-01 / 41094 MG-SPM-11 / 32995	MG-CPM-01 / 41094 MG-SPM-11 / 32995

TBB

MODULAR TERMINALS

with bolt clamping - UL certified

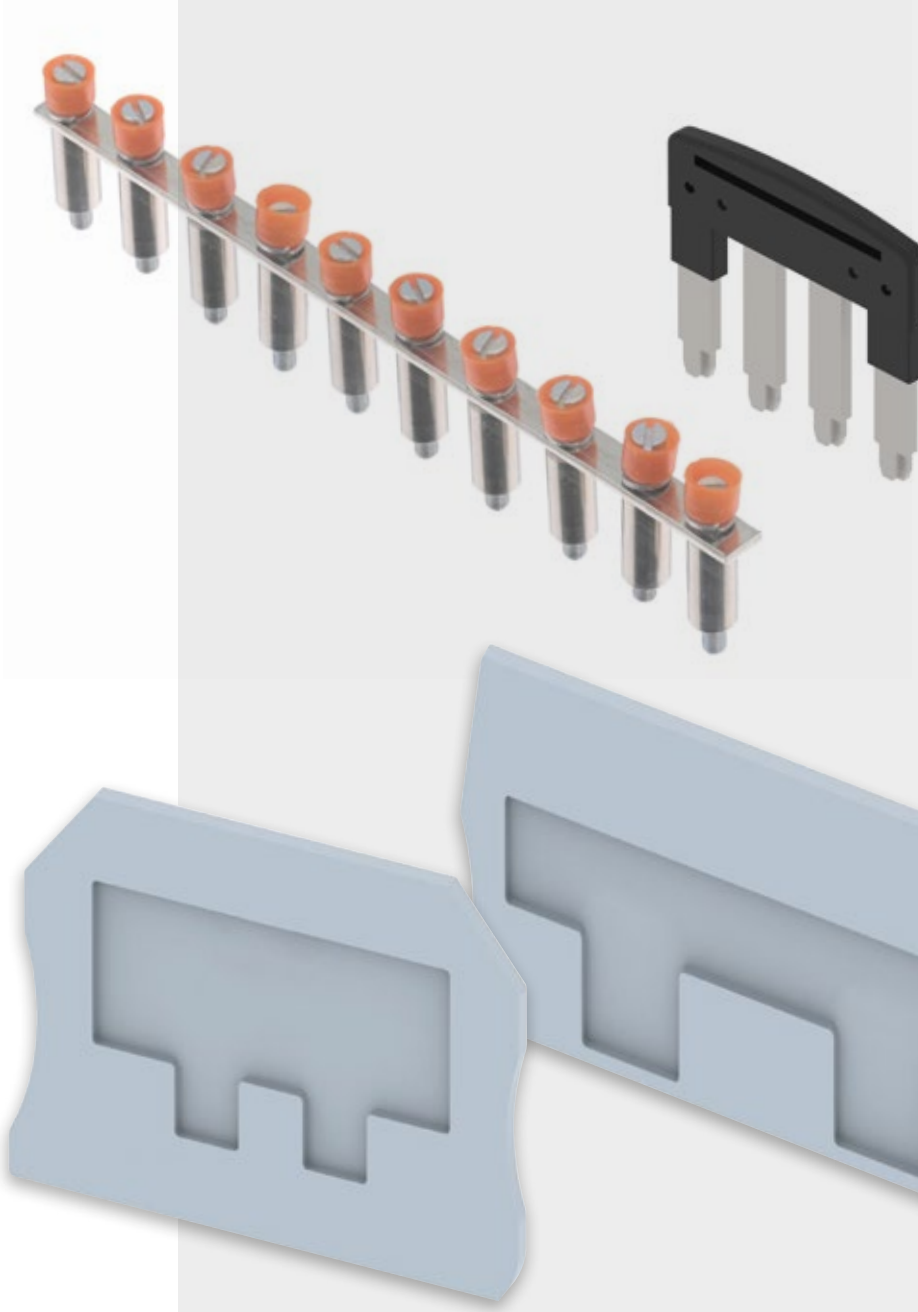
Linear scheme		
Marking/Approvals	CE UKCA cULus File no. E523349	CE UKCA cULus File no. E523349
Type		
Grey ☐	**TBB185HC**	**TBB240HC**
Nominal cross-section	185 mm²	240 mm²
Packaging Qty	4 pcs	4 pcs
Connection capacity		
Flexible conductor cross-section	25 - 185 mm²	25 - 240 mm²
Conductor cross-section Rigid	25 - 185 mm²	25 - 240 mm²
Compliant with IEC 60947-7-1		
Nominal cross-section	185 mm²	240 mm²
Rated voltage	1000 V	1000 V
Rated current	353 A	415 A
Rated peak voltage	8 kV	8 kV
Pollution degree	3	3
Compliant with UL 1059		
Nominal cross-section	8 AWG - 500 KCMIL	8 AWG - 600 KCMIL
Rated voltage	1000 V	1000 V
Rated current	380 A	420 A
Technical Specifications		
Number of levels	1	1
Number of connections	2	2
Number of connections per level	1	1
Clamping type	bolt	bolt
Screw thread	M12	M12
Insulating body material	Poliammide 6.6	Poliammide 6.6
Conductor body material	MS	MS
Self-extinguishing class according to UL 94	V2	V2
Maximum operating temperature	130°C	130°C
Minimum operating temperature	-40°C	-40°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C
Dimensions and Weights		
Width	55 mm	55 mm
Height	89,3 mm	89,3 mm
Length	286,8 mm	286,8 mm
Weight	491.8 g	487 g
Installation		
Fixing type (DIN rail)	TS 35/7.5; TS 35/15	TS 35/7.5; TS 35/15
Wire stripping length	According to lug size	According to lug size
Tightening torque	14 Nm	14 Nm
Internal cylindrical gauge	-	-
Accessories		
End stop	-	-
End brackets	-	-
Tag (Family / Type)	MG-CPM-01 / 41094 MG-SPM-11 / 32995	MG-CPM-01 / 41094 MG-SPM-11 / 32995

TBB

MODULAR TERMINALS

with bolt clamping - UL certified

Linear scheme	
Marking/Approvals	CE UKCA cULus File no. E523349
Type	
Grey ☐	**TBB300HC**
Nominal cross-section	300 mm²
Packaging Qty	4 pcs
Connection capacity	
Flexible conductor cross-section	50 - 300 mm²
Conductor cross-section Rigid	50 - 300 mm²
Compliant with IEC 60947-7-1	
Nominal cross-section	300 mm²
Rated voltage	1000 V
Rated current	520 A
Rated peak voltage	8 kV
Pollution degree	3
Compliant with UL 1059	
Nominal cross-section	4 AWG - 750 KCMIL
Rated voltage	1000 V
Rated current	475 A
Technical Specifications	
Number of levels	1
Number of connections	2
Number of connections per level	1
Clamping type	bolt
Screw thread	M16
Insulating body material	Polyamide 6.6
Conductor body material	MS
Self-extinguishing class according to UL 94	V2
Maximum operating temperature	130°C
Minimum operating temperature	-40°C
Storage temperature	-20 ÷ 65°C
Dimensions and Weights	
Width	55 mm
Height	89,3 mm
Length	286,8 mm
Weight	650 g
Installation	
Fixing type (DIN rail)	TS 35/7.5; TS 35/15
Wire stripping length	According to lug size
Tightening torque	25 Nm
Internal cylindrical gauge	-
Accessories	
End stop	-
End brackets	-
Tag (Family / Type)	MG-CPM-01 / 41094 MG-SPM-11 / 32995



ACCESSORIES
FOR MODULAR TERMINALS

SL

JUMPER BARS

for terminals with screw clamp and push-in connection






Jumper bar						
Type	**SL3.5-2**	**SL3.5-3**	**SL3.5-4**	**SL3.5-5**	**SL3.5-6**	**SL3.5-10**
Number of connections	2	3	4	5	6	10
Dimensions						
Width	6.7 mm	10.2 mm	13.7 mm	17.2 mm	20.7 mm	34.5 mm
Height	21.5 mm	21.5 mm	21.5 mm	21.5 mm	21.5 mm	21.5 mm
Pitch	3.5 mm	3.5 mm	3.5 mm	3.5 mm	3.5 mm	3.5 mm
Packaging Qty	200 / 50 pcs	200 / 25 pcs	200 / 25 pcs	200 / 25 pcs	200 / 25 pcs	200 / 25 pcs
Used with						
push-in connection	TBP1.5	TBP1.5	TBP1.5	TBP1.5	TBP1.5	TBP1.5
Operating temperatures						
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

SL

JUMPER BARS

for terminals with screw clamp and push-in connection

Jumper bar						
Type	**SL5-2**	**SL5-3**	**SL5-4**	**SL5-5**	**SL5-6**	**SL5-10**
Number of connections	2	3	4	5	6	10
Dimensions						
Width	9.2 mm	14.2 mm	19.2 mm	24.2 mm	29.2 mm	49.2 mm
Height	26.0 mm	26.0 mm	26.0 mm	26.0 mm	26.0 mm	26.0 mm
Pitch	5.0 mm	5.0 mm	5.0 mm	5.0 mm	5.0 mm	5.0 mm
Packaging Qty	200 / 50 pcs	200 / 25 pcs	200 / 25 pcs	200 / 25 pcs	200 / 25 pcs	200 / 25 pcs
Used with						
screw clamp connection	TBS2.5/ TBS2.5-BU	TBS2.5/ TBS2.5-BU	TBS2.5/ TBS2.5-BU	TBS2.5/ TBS2.5-BU	TBS2.5/ TBS2.5-BU	TBS2.5/ TBS2.5-BU
	TBS2.5-L2	TBS2.5-L2	TBS2.5-L2	TBS2.5-L2	TBS2.5-L2	TBS2.5-L2
	TBSG2.5	TBSG2.5	TBSG2.5	TBSG2.5	TBSG2.5	TBSG2.5
	TBS2.5D	TBS2.5D	TBS2.5D	TBS2.5D	TBS2.5D	TBS2.5D
push-in connection	TBP2.5	TBP2.5	TBP2.5	TBP2.5	TBP2.5	TBP2.5
	TBP2.5X1-2	TBP2.5X1-2	TBP2.5X1-2	TBP2.5X1-2	TBP2.5X1-2	TBP2.5X1-2
	TBP2.5X2-2	TBP2.5X2-2	TBP2.5X2-2	TBP2.5X2-2	TBP2.5X2-2	TBP2.5X2-2
	TBPG2.5	TBPG2.5	TBPG2.5	TBPG2.5	TBPG2.5	TBPG2.5
	TBPG2.5X1-2	TBPG2.5X1-2	TBPG2.5X1-2	TBPG2.5X1-2	TBPG2.5X1-2	TBPG2.5X1-2
	TBPG2.5X2-2	TBPG2.5X2-2	TBPG2.5X2-2	TBPG2.5X2-2	TBPG2.5X2-2	TBPG2.5X2-2
	TBP2.5-L2	TBP2.5-L2	TBP2.5-L2	TBP2.5-L2	TBP2.5-L2	TBP2.5-L2
	TBP2.5D	TBP2.5D	TBP2.5D	TBP2.5D	TBP2.5D	TBP2.5D
Operating temperatures						
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

SL

JUMPER BARS

for terminals with screw clamp and push-in connection

Jumper bar						
Type	**SL6-2**	**SL6-3**	**SL6-4**	**SL6-5**	**SL6-6**	**SL6-10**
Number of connections	2	3	4	5	6	10
Dimensions						
Width	10.2 mm	16.2 mm	22.2 mm	28.2 mm	34.2 mm	58.2 mm
Height	26.0 mm	26.0 mm	26.0 mm	26.0 mm	26.0 mm	26.0 mm
Pitch	6.0 mm	6.0 mm	6.0 mm	6.0 mm	6.0 mm	6.0 mm
Packaging Qty	100 / 50 pcs	100 / 25 pcs	100 / 25 pcs	100 / 25 pcs	100 / 25 pcs	100 / 25 pcs
Used with						
screw clamp connection	TBS4/ TBS4-BU	TBS4/ TBS4-BU	TBS4/ TBS4-BU	TBS4/ TBS4-BU	TBS4/ TBS4-BU	TBS4/ TBS4-BU
	TBS4-L2	TBS4-L2	TBS4-L2	TBS4-L2	TBS4-L2	TBS4-L2
	TBSG4	TBSG4	TBSG4	TBSG4	TBSG4	TBSG4
	TBSG4-L2	TBSG4-L2	TBSG4-L2	TBSG4-L2	TBSG4-L2	TBSG4-L2
	TBS4D	TBS4D	TBS4D	TBS4D	TBS4D	TBS4D
	TBS4F	TBS4F	TBS4F	TBS4F	TBS4F	TBS4F
	TBS4F-L2	TBS4F-L2	TBS4F-L2	TBS4F-L2	TBS4F-L2	TBS4F-L2
push-in connection	TBP4	TBP4	TBP4	TBP4	TBP4	TBP4
	TBP4X1-2	TBP4X1-2	TBP4X1-2	TBP4X1-2	TBP4X1-2	TBP4X1-2
	TBP4X2-2	TBP4X2-2	TBP4X2-2	TBP4X2-2	TBP4X2-2	TBP4X2-2
	TBPG4	TBPG4	TBPG4	TBPG4	TBPG4	TBPG4
	TBPG4X1-2	TBPG4X1-2	TBPG4X1-2	TBPG4X1-2	TBPG4X1-2	TBPG4X1-2
	TBPG4X2-2	TBPG4X2-2	TBPG4X2-2	TBPG4X2-2	TBPG4X2-2	TBPG4X2-2
	TBP4D	TBP4D	TBP4D	TBP4D	TBP4D	TBP4D
	TBP4F	TBP4F	TBP4F	TBP4F	TBP4F	TBP4F
Operating temperatures						
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

SL

JUMPER BARS

for terminals with screw clamp and push-in connection



Jumper bar			
Type	**SL6D-2**	**SL6D-3**	**SL6D-10**
Number of connections	2	3	10
Dimensions			
Width	15.5 mm	23.0 mm	79.0 mm
Height	34.0 mm	34.0 mm	34.0 mm
Pitch	8.0 mm	8.0 mm	8.0 mm
Packaging Qty	200 / 50 pcs	100 / 25 pcs	50 / 25 pcs
Used with			
screw clamp connection	TBS6D	TBS6D	TBS6D
Operating temperatures			
Maximum operating temperature	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

SL

JUMPER BARS

for terminals with screw clamp and push-in connection






Jumper bar						
Type	**SL8-2**	**SL8-3**	**SL8-4**	**SL8-5**	**SL8-6**	**SL8-10**
Number of connections	2	3	4	5	6	10
Dimensions						
Width	15.2 mm	23.2 mm	31.2 mm	39.2 mm	47.2	79.2 mm
Height	26.0 mm	26.0 mm	26.0 mm	26.0 mm	26.0 mm	26.0 mm
Pitch	8.0 mm	8.0 mm	8.0 mm	8.0 mm	8.0 mm	8.0 mm
Packaging Qty	200 / 50 pcs	200 / 25 pcs	200 / 25 pcs	100 / 25 pcs	200 / 25 pcs	50 / 25 pcs
Used with						
screw clamp connection	TBS6/ TBS6-BU	TBS6/ TBS6-BU	TBS6/ TBS6-BU	TBS6/ TBS6-BU	TBS6/ TBS6-BU	TBS6/ TBS6-BU
	TBSG6	TBSG6	TBSG6	TBSG6	TBSG6	TBSG6
Operating temperatures						
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C





Jumper bar					
Type	**SL8/1-2**	**SL8/1-3**	**SL8/1-4**	**SL8/1-5**	**SL8/1-10**
Number of connections	2	3	4	5	10
Dimensions					
Width	15.2 mm	23.2 mm	31.2 mm	39.2 mm	79.2 mm
Height	33.3 mm	33.3 mm	33.3 mm	33.3 mm	33.3 mm
Pitch	8.0 mm	8.0 mm	8.0 mm	8.0 mm	8.0 mm
Packaging Qty	200 / 50 pcs	200 / 25 pcs	200 / 25 pcs	100 / 25 pcs	50 / 25 pcs
Used with					
push-in connection	TBP6	TBP6	TBP6	TBP6	TBP6
	TBPG6	TBPG6	TBPG6	TBPG6	TBPG6
Operating temperatures					
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

SL

JUMPER BARS

for terminals with screw clamp and push-in connection

Jumper bar								
Type	**SL10-2**	**SL10-3**	**SL10-4**	**SL10-5**	**SL10/1-2**	**SL10/1-3**	**SL10/1-4**	**SL10/1-5**
Number of connections	2	3	4	5	2	3	4	5
Dimensions								
Width	17.5 mm	27.5 mm	37.5 mm	47.5 mm	17.5 mm	27.5 mm	36.8 mm	47.5 mm
Height	23.2 mm	23.2 mm	23.2 mm	23.2 mm	36.4 mm	36.4 mm	36.4 mm	36.4 mm
Pitch	10.0 mm	10.0 mm	10.0 mm	10.0 mm	10.0 mm	10.0 mm	10.0 mm	10.0 mm
Packaging Qty	100 / 50 pcs	100 / 25 pcs	100 / 25 pcs	100 / 25 pcs	100 / 50 pcs	100 / 25 pcs	100 / 25 pcs	100 / 25 pcs
Used with								
screw clamp connection	TBS10	TBS10	TBS10	TBS10	TBP10	TBP10	TBP10	TBP10
push-in connection	TBS10-BU	TBS10-BU	TBS10-BU	TBS10-BU				
	TBSG10	TBSG10	TBSG10	TBSG10	TBPG10	TBPG10	TBPG10	TBPG10
Operating temperatures								
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

SL

JUMPER BARS

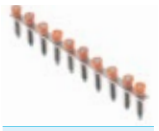
for screw clamp terminals




Jumper bar				
Type	**SL16S-2**	**SL16S-4**	**SL16S-5**	**SL16S-10**
Number of connections	2	4	5	10
Dimensions				
Width	21.5 mm	45.5 mm	57.5 mm	117.0 mm
Height	24.0 mm	24.0 mm	24.0 mm	24.0 mm
Pitch	12.0 mm	12.0 mm	12.0 mm	12.0 mm
Packaging Qty	200 / 50 pcs	100 / 25 pcs	50 / 25 pcs	25 / 25 pcs
Used with				
screw clamp connection	TBS16	TBS16	TBS16	TBS16
Operating temperatures				
Maximum operating temperature	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C







Jumper bar					
Type	**SL25S-2**	**SL25S-3**	**SL25S-4**	**SL25S-5**	**SL25S-10**
Number of connections	2	3	4	5	10
Dimensions					
Width	21.5 mm	33.5 mm	45.5 mm	57.5 mm	117.0 mm
Height	24.0 mm	24.0 mm	24.0 mm	24.0 mm	24.0 mm
Pitch	12.0 mm	12.0 mm	12.0 mm	12.0 mm	12.0 mm
Packaging Qty	200 / 50 pcs	100 / 25 pcs	100 / 25 pcs	100 / 25 pcs	25 / 25 pcs
Used with					
screw clamp connection	TBS25	TBS25	TBS25	TBS25	TBS25
Operating temperatures					
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

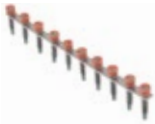
SL

JUMPER BARS

for screw clamp terminals







Jumper bar					
Type	SL35S-2	SL35S-3	SL35S-4	SL35S-5	SL35S-10
Number of connections	2	3	4	5	10
Dimensions					
Width	25.5 mm	42.5 mm	59.75 mm	76.75 mm	165.0 mm
Height	31.6 mm	31.6 mm	31.6 mm	31.6 mm	31.6 mm
Pitch	17.0 mm	17.0 mm	17.0 mm	17.0 mm	17.0 mm
Packaging Qty	100 / 50 pcs	100 / 25 pcs	50 / 25 pcs	25 / 25 pcs	25 / 25 pcs
Used with					
screw clamp connection	TBS35	TBS35	TBS35	TBS35	TBS35
Operating temperatures					
Maximum operating temperature	130°C	130°C	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C



Jumper bar			
Type	SL50/70S-2	SL50/70S-3	SL50/70S-5
Number of connections	2	3	5
Dimensions			
Width	37.0 mm	57.5 mm	98.5 mm
Height	28.5 mm	28.5 mm	28.5 mm
Pitch	20.5 mm	20.5 mm	20.5 mm
Packaging Qty	50 / 50 pcs	25 / 25 pcs	25 / 25 pcs
Used with			
screw clamp connection	TBS50	TBS50	TBS50
	TBS70	TBS70	TBS70
Operating temperatures			
Maximum operating temperature	130°C	130°C	130°C
Minimum operating temperature	-60°C	-60°C	-60°C
Storage temperature	-20 ÷ 65°C	-20 ÷ 65°C	-20 ÷ 65°C

EC

END STOPS

for screw clamp terminals





End stop Type	EC2.5-10	EC2.5-4-L2	EC2.5-4D	EC6D	EC4F-R
Dimensions					
Width	55.8 mm	69.7 mm	62.0 mm	52.0 mm	71.6 mm
Height	33.8 mm	49.4 mm	38.2 mm	41.3 mm	41.9 mm
Thickness	2.0 mm	2.5 mm	1.5 mm	1.5 mm	1.5 mm
Packaging Qty	100 pcs	100 pcs	100 pcs	100 pcs	100 pcs
Used with					
screw clamp connection	TBS2.5/ TBS2.5-BU	TBS2.5-L2	TBS2.5D	TBS6D	TBS4F-R
	TBS4/TBS4-BU	TBS4-L2	TBS4D	-	-
	TBS6/ TBS6-BU	TBSG4-L2	-	-	-
	TBS10/ TBS10-BU	-	-	-	-
	TBSG2.5	-	-	-	-
	TBSG4	-	-	-	-
	TBSG6	-	-	-	-
	TBSG10	-	-	-	-


End stop Type	EC16	EC25
Dimensions		
Width	42.0 mm	45.0 mm
Height	41.5 mm	46.9 mm
Thickness	1.5 mm	1.5 mm
Packaging Qty	100 pcs	100 pcs
Used with		
screw clamp connection	TBS16	TBS25

End stop Type	EC2.5-L3
Dimensions	
Width	88.0 mm
Height	58.4 mm
Thickness	2.0 mm
Packaging Qty	50 pcs
Used with	
screw clamp connection	TBS2.5-L3

ECP

END STOPS

for terminals with push-in connection





End stop Type	ECP1.5	ECP2.5	ECP4	ECP6	ECP10
Dimensions					
Width	47.2 mm	50.7 mm	56.2 mm	64.2 mm	70.2
Height	18.5 mm	22.7 mm	22.7 mm	29.6 mm	36.2 mm
Thickness	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm
Packaging Qty	100 pcs	100 pcs	100 pcs	100 pcs	100 pcs
Used with					
push-in connection	TBP1.5	TBP2.5	TBP4	TBP6	TBP10
	-	TBPG2.5	TBPG4	TBPG6	TBPG10




End stop Type	ECP2.5X1-2	ECP2.5X2-2	ECP4X1-2	ECP4X2-2
Dimensions				
Width	62.7 mm	74.7 mm	69.6 mm	83.0 mm
Height	22.7 mm	22.7 mm	22.7 mm	22.7 mm
Thickness	2.0 mm	2.0 mm	2.0 mm	2.0 mm
Packaging Qty	100 pcs	100 pcs	100 pcs	100 pcs
Used with				
push-in connection	TBP2.5X1-2	TBP2.5X2-2	TBP4X1-2	TBP4X2-2
	TBPG2.5X1-2	TBPG2.5X2-2	TBPG4X1-2	TBPG4X2-2
	TBP2.5D	-	-	-



End stop Type	ECP2.5-L2	ECP2.5-L3	ECP4/1
Dimensions			
Width	73.1 mm	107.6 mm	56.2 mm
Height	33.7 mm	45.5 mm	22.7 mm
Thickness	2.0 mm	2.0 mm	2.0 mm
Packaging Qty	100 pcs	50 pcs	100 pcs
Used with			
push-in connection	TBP2.5-L2	TBP2.5-L3	TBP4D
	-	-	TBP4F

SP

SPACER PLATE

for screw clamp terminals

Spacer plate	
Type	SP2.5/4-L2
Dimensions	
Width	70 mm
Height	29.2 mm
Thickness	2.5 mm
Packaging Qty	50 pcs
Used with	
screw clamp connection	TBS2.5-L2; TBS4-L2

ECL

END BRACKETS

for modular terminals

End bracket		
Type	ECL1	ECL2
Dimensions		
Width	50.6 mm	45.8 mm
Height	35.5 mm	31.5 mm
Thickness	9.5 mm	8 mm
Packaging Qty	100 pcs	100 pcs
Tag		
(Family / Type)	-	MG-CPM-01 / 41095

ECL1-TH

PANEL PLATE MOUNT

for end bracket ECL1

Label holder	
Type	ECL1-TH
Dimensions	
Width	26.0 mm
Height	26.5 mm
Thickness	11.0 mm
Packaging Qty	200/100 pcs
Tag	
(Family / Type)	MG-TAR / 45494

TH2.5-L

PANEL PLATE MOUNT

for modular terminals TBS/TBP

Label holder		
Type	TH2.5-L2	TH2.5-L3
Dimensions		
Width	19.7 mm	23.6 mm
Height	24.1 mm	24.1 mm
Thickness	5.0 mm	6.0 mm
Packaging Qty	50 pcs	50 pcs
Used with		
screw clamp connection	TBS2.5-L2	TBS2.5-L3
push-in connection	TBP2.5-L2	TBP2.5-L3
Tag		
(Family / Type)	MG-CPM-01 / 41090N - 41094	MG-CPM-01 / 41094 MG-SPM-11 / 32995

INDUSTRIAL MARKING

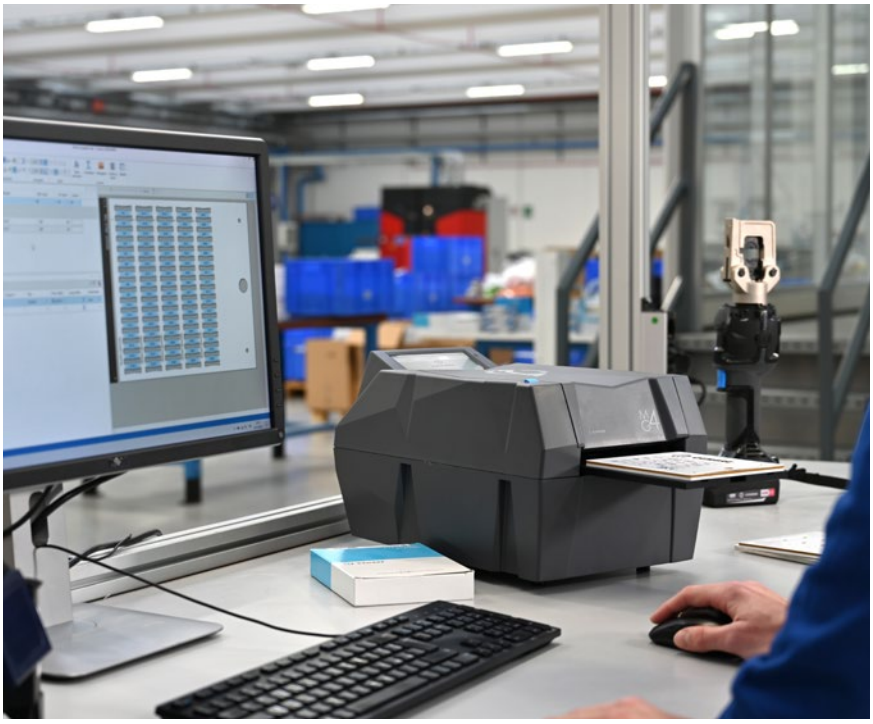
MG4

THERMAL TRANSFER PRINTER

on sheet, plug&play

MARKINGENIUS®MG4 is an industrial labelling printer designed to provide extremely high quality and long-lasting printing of text, logos, electrical symbols, QR codes and all kinds of vector images. It is equipped with a ribbon save system, a useful feature which allows only the ribbon needed for printing to be used.
Reliability and durability mean that the MG4 can be used intensively, making it suitable for all kinds of applications.
The large touch screen on the machine enables quick and easy management of printing projects.
Each monochrome ribbon has a range of more than 300,000 4x10 mm cable markers.
MG4 can be used with either mains power or rechargeable batteries CEMBRE CAS Alliance. The machine can be used in the office, in production and even on site, right in front of the panel to be wired.
The interchangeable battery, which can power both MG4 and all CEMBRE tools, allows full portability of the printer.

Wi-Fi
SHARE
DISPLAY TOUCH
USB
APP
STATUS MONITOR
LAN
Wi-Fi DIRECT
RECHARGEABLE BATTERY



SPEED
112 cable marker tags 4x10 in less than 12 seconds

PRACTICAL FEATURES
Software provides quick and easy upload of the data to be printed

RIBBON SAVE FUNCTION
Over 300,000 marker tags 4x10mm with 1 ribbon

QUALITY
Printer resolution 300x600 dpi

RANGE

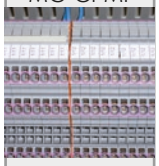
TERMINAL MARKER TAGS

thermal transfer on sheet

TERMINALS

MG-CPM

MG-CPMF



MG-VYB

MG-TAR

SINGLE CABLES

MG-TPMF

PMF

MG-TPM

PM

MG-TDM

MG-TDMO

MG-KMP

MULTI-CORE SHEATH TUBING

MG-TPMF

PMF-ET

MG-TAPW

PMF-ET

MG-ETF

CABLE TIES

MG-TPM

PM-ET

MG-TAP

PMF-ET

BUTTONS INDICATORS

MG-PTS

MG-TAA

MG-TAP

PTP

MG-TAP

PL

MG-VYT

MG-SIGNS

EQUIPMENT COMPONENTS

MG-TPMF

PMF-AC

MG-PLC

MG-DOG

MG-VCT

MG-TAA

MG-SPM

MG-VYT

MG-TAP

PMT-AC

MG-TAP

RT-TAP

MG-TAPW

RT-TAPW

MODULAR COMPONENTS

MG-TAP

RT-TAP

MG-TAPW

RT-TAPW

MG-17.5-R

MG-17.5-A

PANEL EXTERIOR

MG-TAP

RTA-TAP

PLA

MG-SAT

MG-SIGNS

MG-VRT-R

CPT

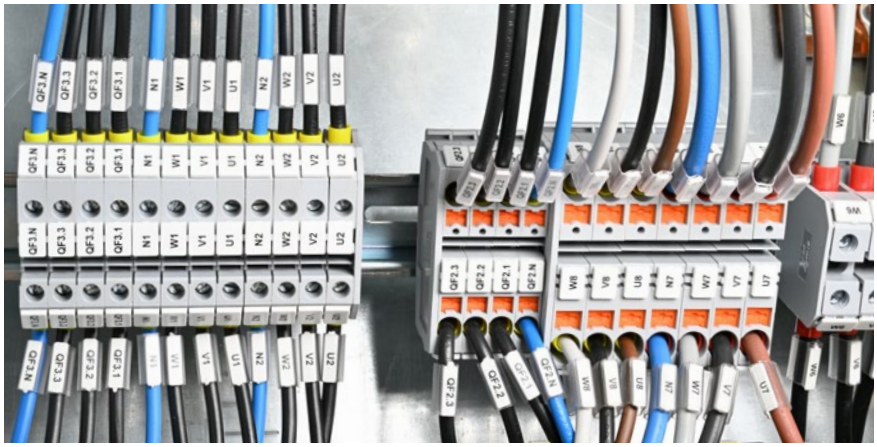
GMCK

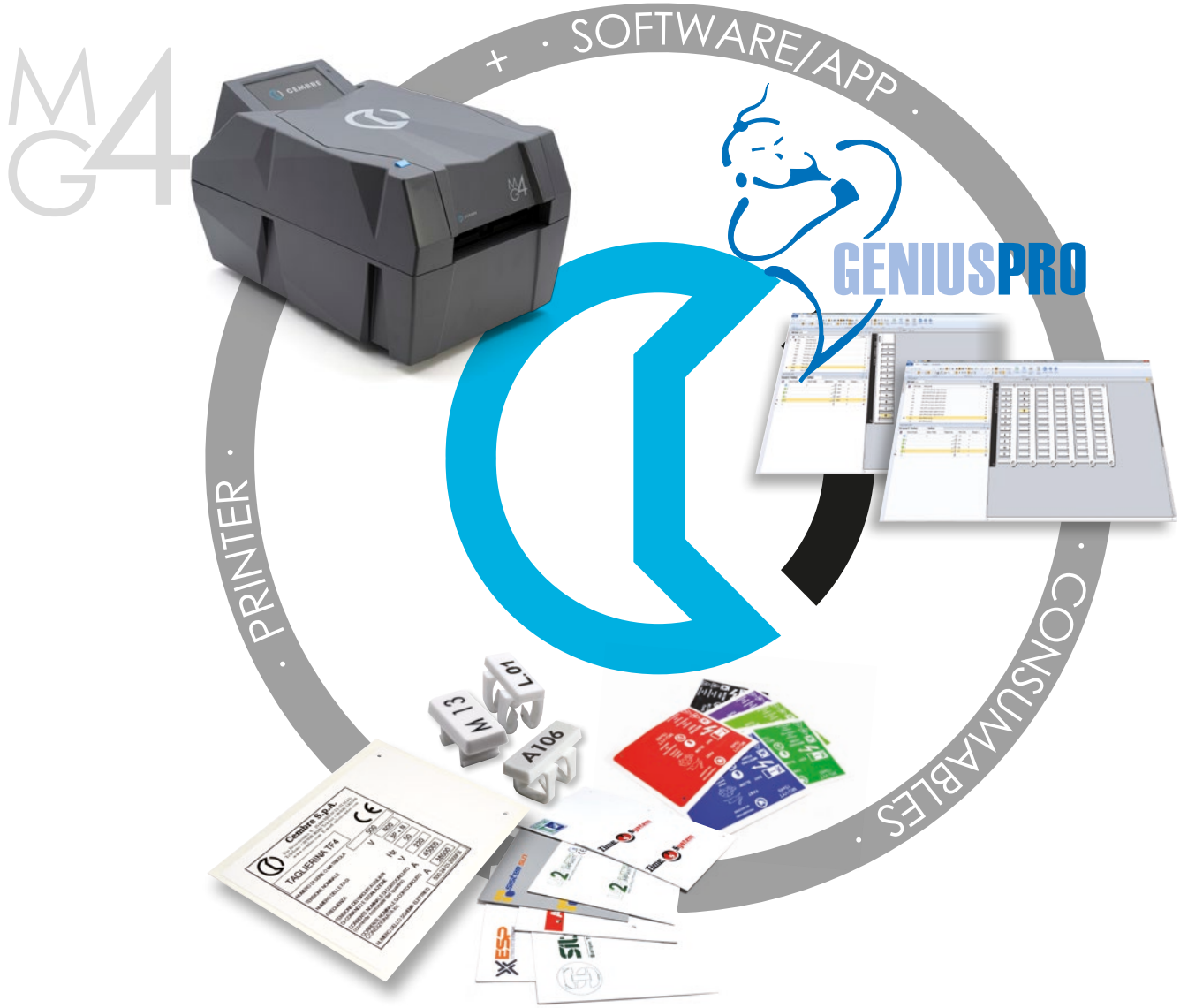
MG-CPM

TERMINAL MARKER TAGS

thermal transfer on sheet

The MG-CPM range of tags allows all modular terminals from CEMBRE and alternative manufacturers to be marked quickly and easily.





MG-CPM

TERMINAL BLOCK MARKERS

thermal transfer on sheet

PC HF SF -40°C +130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

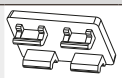
Family	Terminals	Tag profile	Dimensions mm	Pitch mm	Strip form	Type: white PC10200WH PC10300WH	Type: yellow PC10400YE	Type: blue MD	Marker tags on each sheet	Pack	Plate	SW code
MG-CPM-01	CEMBRE		3 x 10	3,5	S	41092	-	41062-MD	80	2.000	991011	15
			5 x 7	5,1	S	41094	41044	41064-MD	56	1.960	991008	13
			5 x 10	5,1	S	41090N	41040N	-	56	1.960	991011	14
					M	41098	41048	41068-MD	56	1.960	991011	14
			6 x 10	6	M	41095	41045	41065-MD	48	1.680	991011	17
			8 x 10	8	M	41096	41046	-	32	1.120	991011	18
MG-CPM-02	TBS4-R		5 x 10	5,1	S	41190N	41140N	41160N-MD	48	1.680	991011	22
MG-CPM-12	TBS2.5D		4,2 x 9	5 ÷ 6	MF	46390	-	46360-MD	56	1.960	991004	112
MG-CPM-15	TBS4D		6 x 5	6,1	M	42909	-	-	40	1.400	991556	403

MG-SPM

COMPONENT MARKET

thermal transfer on sheet

PC HF SF -40°C +130°C EN 45545-2 RoHS COMPLIANT 2011/65/EU

Family	Components	Dimensions mm	White type PC10300WH	Marker tags on each sheet	Pack	Use with the plate	SW code
MG-SPM-11 	CEMBRE	7 x 12	32995	24	720	991559	147

MG-TAR

COMPONENT MARKET

thermal transfer on sheet

PVC 0.3mm SF -30°C +60°C RoHS COMPLIANT 2011/65/EU

Family	Component	Dimensions mm	White type	Marker tags on each sheet	Pack	SW code
MG-TAR	ECL1-TH	8,8 x 24	45494	48	2.400	722

MG-CPM

TERMINAL BLOCK MARKERS

selection guide

MODULAR TERMINALS - SCREW CLAMP

mm	3x10	5x7	5x10	5x10	5x10	6x10	8x10	4.2x9	6x5	7x12
Tag	MG-CPM-01 41092	MG-CPM-01 41094	MG-CPM-01 41090N	MG-CPM-01 41098	MG-CPM-02 41190N	MG-CPM-01 41095	MG-CPM-01 41096	MG-CPM-12 46390	MG-CPM-15 42909	MG-SPM-11 32995
TBS2.5		P	P	M						
TBS2.5-BU		P	P	M						
TBS4		C	C			M				
TBS4-BU		C	C			M				
TBS6		C	C				M			
TBS6-BU		C	C				M			
TBS10		C	C							
TBS10-BU		C	C							
TBS16		C	C							S
TBS25		C	C							S
TBS35		C	C							C
TBS50		C	C							C
TBS70		C	C							C
TBS95		C	C							C
TBS2.5-L2		P	P	M						
TBS4-L2		C	C			M				
TBSG4-L2		C	C			M				
TBSG2.5		P	P	M						
TBSG4		C	C			M				
TBSG6		C	C				M			
TBSG10		C	C							
TBSG16		C	C							S
TBSG35		C	C							C
TBSG50		C	C							C
TBS2.5D		P						MF		
TBS4D		C							M	
TBS6D							M			
TBS4F						M				
TBS4F-L2						M				
TBS4F-R					C		C			

MODULAR TERMINALS - PUSH-IN

mm	3x10	5x7	5x10	5x10		6x10	8x10	4.2x9	6x5	7x12
Tag	MG-CPM-01 41092	MG-CPM-01 41094	MG-CPM-01 41090N	MG-CPM-01 41098		MG-CPM-01 41095	MG-CPM-01 41096	MG-CPM-12 46390	MG-CPM-15 42909	MG-SPM-11 32995
TBP1.5	P									
TBP2.5		P	P	M						
TBP4		C	C			M				
TBP6		C	C				M			
TBP10		C	C							
TBP2.5X1-2		P	P	M						
TBP2.5X2-2		P	P	M						
TBP4X1-2		C	C			M				
TBP4X2-2		C	C			M				
TBPG2.5		P	P	M						
TBPG4		C	C			M				
TBPG6		C	C				M			
TBPG10		C	C							
TBPG2.5X1-2		P	P	M						
TBPG2.5X2-2		P	P	M						
TBPG4X1-2		C	C			M				
TBPG4X2-2		C	C			M				
TBP2.5-L2		P	P	M						
TBP2.5D		P	P	M						
TBP4D						M				
TBP4F						M				
ECL2			C			C				

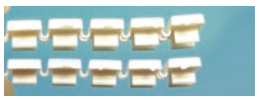
The MG-CPM range of terminal block markers allows all CEMBRE modular terminals to be quickly and easily marked.
The marker tags in sheet format are available both in modular strips and as individual tags, this allows for convenient and effective marking of different terminal sections while greatly reducing assembly time.

TYPE OF MARKER TAG APPLICATION

M

MODULAR MARKER TAGS The marker tag is not as wide as the terminal seat, while the pitch of the tag and the terminal are the same.

MF



EXTENDIBLE MODULAR MARKER TAGS The marker tag is not as wide as the terminal seat, while the pitch of the tag and the terminal are the same.

P

SINGLE PITCH MARKER TAG The marker tag is the same width as the terminal seat, and the pitch of the tag is also equal to the pitch of the terminal.

CP

PITCH COMPATIBLE SINGLE MARKER TAG The marker tag is not as wide as the terminal seat, while the pitch of the tag and the terminal are the same.

S

SINGLE MARKER TAG The marker tag is the same width as the terminal seat, but the pitch of the tag and the terminal are different.

C

COMPATIBLE SINGLE MARKER TAG The marker tag is not as wide as the terminal seat and the pitch of the tag and the terminal are not the same.

*D*BLOCK *D*ISTRIBUTION BLOCKS

SINGLE-POLE DISTRIBUTION BLOCKS DB/1N

Distribution blocks, 80, 125, 160, 250, 400 and 500 A and with 6, 7 and 11 outputs.

The wide range of connectable sections and small size make DBLOCK distribution blocks ideal for wiring in control and distribution boards on 35 mm DIN rails or on panels using screws.

The inputs and outputs distribute conductors evenly and neatly, making wiring and any subsequent work on all phases easier. Wiring is facilitated by conical inlet holes.

The terminals ensure excellent stability of the connection over time.

Jumpers bars are available for 125 and 160 A versions to connect multiple distribution blocks.

Tested in compliance with standard UL 1059 - File no. E523349

TWO-POLE DISTRIBUTION BLOCKS DB/2

Two pole distribution blocks: 40, 100, 125 A and with 6, 13, 14 and 15 outputs.

The wide range of connectable sections and small size make DBLOCK distribution blocks ideal for wiring in 35 mm DIN rail control and distribution boards.

The inputs and outputs distribute conductors evenly and neatly, making wiring and any subsequent work on all phases easier.

Wiring is facilitated by conical inlet holes.

The terminals ensure excellent stability of the connection over time.

FOUR-POLE DISTRIBUTION BLOCKS DB/4

Four-pole distribution blocks: 40, 100, 125 and 160 A and with 6, 11, 13 and 14 outputs.

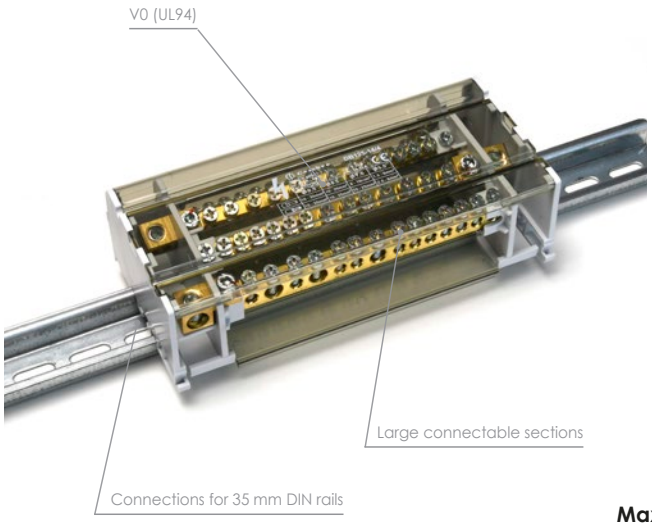
The wide range of connectable sections and small size make DBLOCK distribution blocks ideal for wiring in 35 mm DIN rail control and distribution boards.

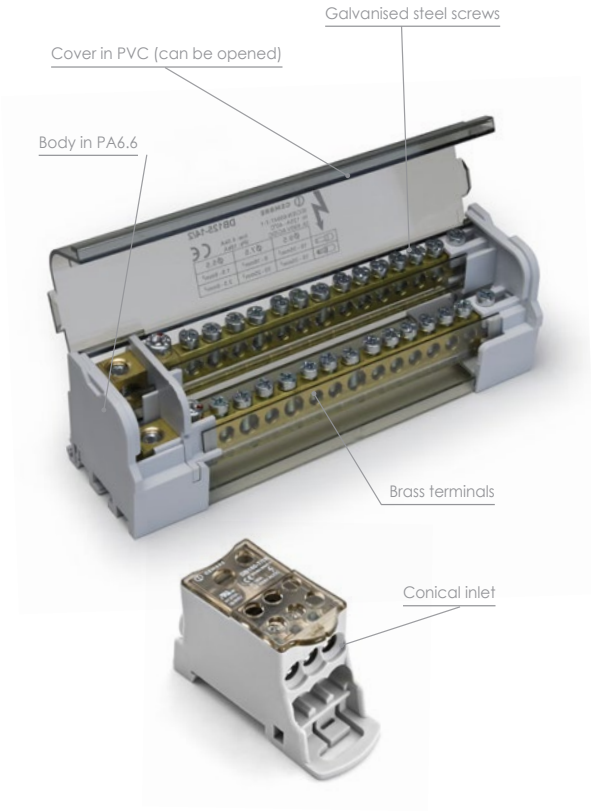
The inputs and outputs distribute conductors evenly and neatly, making wiring and any subsequent work on all phases easier.

Wiring is facilitated by conical inlet holes.

The terminals ensure excellent stability of the connection over time.

The ***DBLOCK*** series **from CEMBRE** includes **a complete range of single-pole and multi-pole power distribution blocks**.
Compact and easy to install, the *DBLOCK* distribution blocks are **specifically for the wiring of distribution and control panels.** They also allow **visual inspection** to enable verification of connections.
They can be applied to 35 mm DIN rail or panels by screws.
The inputs and outputs **distribute conductors evenly and neatly**, making wiring and any subsequent work on all phases easier.





Maximum permissible ambient temperature (linked to derating coefficient): 75°C

The derating coefficient is applied to calculate the maximum permissible current so that the component temperature does not exceed 85°C given an ambient working temperature.

Derating according to Ambient* to maintain working temperature of 85° C										
Ambient Temperature °C	30	35	40	45	50	55	60	65	70	75
Derating Coefficient	1	1	1	0.92	0.86	0.8	0.73	0.65	0.56	0.45

*Environment around the terminal blocks inside the enclosure

DB/1N

SINGLE-POLE DISTRIBUTION BLOCKS

with direct clamping - UL certified

Tested in compliance with standard UL 1059 - File no. E523349

Marking/Approvals	CE UKCA cULus	CE UKCA cULus	CE UKCA cULus
Type	**DB80-6/1N**	**DB125-7/1N**	**DB160-7/1N**
Insulating body colour	grey	grey	grey
Cover colour	clear	clear	clear
Connection capacity			
Input connection capacity	1x6-16 mm² R/F	1x10-35 mm² R/F	1x10-70 mm² R/F
Output connection capacity	4x2.5-6 mm² R/F; 2x2.5-16 mm² R/F	6x2.5-16 mm² R/F; 1x6-16 mm² R/F	6x2.5-16 mm² R/F; 1x6-16 mm² R/F
Compliant with IEC 60947-7-1			
Rated voltage	1000 V AC/DC	1000 V AC/DC	1000 V AC/DC
Rated current	80 A	125 A	160 A
Rated peak withstand current Ipk	22 kA	30 kA	30 kA
Rated short withstand current Icw	3 kA	4.2 kA	11.8 kA
Rated impulse withstand voltage Uimp	12 kV	12 kV	12 kV
Compliant with UL 1059			
Rated voltage	600 V	600 V	600 V
Rated current	85 A	150 A	200 A
Technical Specifications			
Number of poles	1	1	1
Number of inputs/outputs	1/6	1/7	1/7
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	Allen screw	Allen screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Conductor body material	brass	brass	brass
Insulating body material	polyamide 6.6	polyamide 6.6	polyamide 6.6
Cover material	polycarbonate	polycarbonate	polycarbonate
Self-extinguishing class according to UL 94	V0	V0	V0
Halogen-free	Yes	Yes	Yes
IP rating	IP20	IP20	IP20
Maximum operating temperature	40°C	40°C	40°C
Minimum operating temperature	-40°C	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights			
Height	46 mm	46 mm	46 mm
Length	66 mm	77 mm	77 mm
Width	27 mm	29 mm	29 mm
Weight	70.5 g	142.5 g	136.5 g
Space requirement in DIN modules	1,5	1,5	1,5
Units in standard packaging	5	5	5
Installation			
DIN rail mount	Yes	Yes	Yes
Screw fixing	Yes	Yes	Yes
Accessories			
Jumper bar	-	DJ160	DJ160

DB/1N

SINGLE-POLE DISTRIBUTION BLOCKS

with direct clamping - UL certified

Tested in compliance with standard UL 1059 - File no. E523349

Marking/Approvals	CE UKCA cULus	CE UKCA cULus	CE UKCA cULus
Type	**DB250-11/1N**	**DB400-11/1N**	**DB500-11/1N**
Insulating body colour	grey	grey	grey
Cover colour	clear	clear	clear
Connection capacity			
Input connection capacity	1x35-120 mm² R/F	1x95-185 mm² R/F	8x24 mm Flex busbar
Output connection capacity	5x2.5-16 mm² R/F; 4x2.5-10 mm² R/F; 2x6-35 mm² R/F	5x2.5-16 mm² R/F; 4x2.5-10 mm² R/F; 2x6-35 mm² R/F	5x2.5-16 mm² R/F; 4x2.5-10 mm² R/F; 2x6-35 mm² R/F
Compliant with IEC 60947-7-1			
Rated voltage	1000 V AC/DC	1000 V AC/DC	1000 V AC/DC
Rated current	250 A	400 A	500 A
Rated peak withstand current Ipk	51 kA	51 kA	51 kA
Rated short withstand current Icw	24.5 kA	24.5 kA	24.5 kA
Rated impulse withstand voltage Uimp	12 kV	12 kV	12 kV
Compliant with UL 1059			
Rated voltage	600 V	600 V	600 V
Rated current	255 A	335 A	335 A
Technical Specifications			
Number of poles	1	1	1
Number of inputs/outputs	1/11	1/11	1/11
Clamping type	direct	direct	direct
Geometry of the clamping element	Allen screw	Allen screw	Allen screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Conductor body material	brass	brass	brass
Insulating body material	polyamide 6.6	polyamide 6.6	polyamide 6.6
Cover material	polycarbonate	polycarbonate	polycarbonate
Self-extinguishing class according to UL 94	V0	V0	V0
Halogen-free	Yes	Yes	Yes
IP rating	IP20	IP20	IP20
Maximum operating temperature	40°C	40°C	40°C
Minimum operating temperature	-40°C	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights			
Height	50 mm	50 mm	50 mm
Length	46 mm	46 mm	46 mm
Width	96 mm	96 mm	96 mm
Weight	423.5 g	405 g	424 g
Space requirement in DIN modules	2,5	2,5	2,5
Units in standard packaging	3	3	3
Installation			
DIN rail mount	Yes	Yes	Yes
Screw fixing	Yes	Yes	Yes
Accessories			
Jumper bar	-	-	-

DB/2

TWO-POLE DISTRIBUTION BLOCKS

with direct clamping

Marking/Approvals	CE UKCA	CE UKCA	CE UKCA
Type	**DB40-15/2**	**DB100-6/2**	**DB100-13/2**
Insulating body colour	grey	grey	grey
Cover colour	clear	clear	clear
Connection capacity			
Input connection capacity	2x(6-16 mm² R; 4-10 mm² F)	1x10-25 mm² R/F	2x10-25 mm² R/F
Output connection capacity	15x(1.5-4 mm² R; 0.75-4 mm² F)	3x(1.5-4 mm² R; 0.75-4 mm² F); 3x(2.5-6 mm² R; 1.5-6 mm² F)	6x(1.5-4 mm² R; 0.75-4 mm² F); 7x(2.5-6 mm² R; 1.5-6 mm² F)
Compliant with IEC 60947-7-1			
Rated voltage	500 V AC/DC	500 V AC/DC	500 V AC/DC
Rated current	40 A	100 A	100 A
Rated peak withstand current Ipk	22 kA	20 kA	20 kA
Rated short withstand current Icw	4.5 kA	4.5 kA	4.5 kA
Rated impulse withstand voltage Uimp	-	-	-
Technical Specifications			
Number of poles	2	2	2
Number of inputs/outputs	2/15	1/6	2/13
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Conductor body material	brass	brass	brass
Insulating body material	polyamide 6.6	polyamide 6.6	polyamide 6.6
Cover material	polycarbonate	polycarbonate	polycarbonate
Self-extinguishing class according to UL 94	V0	V0	V0
Halogen-free	Yes	Yes	Yes
IP rating	IP20	IP20	IP20
Maximum operating temperature	40°C	40°C	40°C
Minimum operating temperature	-40°C	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights			
Height	50 mm	50 mm	50 mm
Length	130 mm	64 mm	130 mm
Width	50 mm	50 mm	50 mm
Weight	234.6 g	122.8 g	231.4 g
Space requirement in DIN modules	7,5	3.5	7,5
Units in standard packaging	1	1	1
Installation			
DIN rail mount	Yes	Yes	Yes
Screw fixing	Yes	Yes	Yes
Accessories			
Neutral bar	-	-	-

DB/2

TWO-POLE DISTRIBUTION BLOCKS

with direct clamping



Marking/Approvals	CE UKCA	CE UKCA	CE UKCA
Type	**DB125-6/2**	**DB125-14/2**	**DB125-14/2C**
Insulating body colour	grey	grey	grey
Cover colour	clear	clear	clear
Connection capacity			
Input connection capacity	1x10-35 mm² R/F	1x10-35 mm² R/F	2x(10-35 mm² R; 10-25 mm² F)
Output connection capacity	5x(2.5-6 mm² R; 1.5-6 mm² F); 1x(10-25 mm² R; 6-16 mm² F)	11x(2.5-6 mm² R; 1.5-6 mm² F); 3x(10-25 mm² R; 6-16 mm² F)	11x(2.5-6 mm² R; 1.5-6 mm² F); 2x(10-25 mm² R; 6-16 mm² F)
Compliant with IEC 60947-7-1			
Rated voltage	690 V AC/DC	690 V AC/DC	500 V AC/DC
Rated current	125 A	125 A	125 A
Rated peak withstand current Ipk	18 kA	18 kA	20 kA
Rated short withstand current Icw	4.5 kA	4.5 kA	4.5 kA
Rated impulse withstand voltage Uimp	-	-	-
Technical Specifications			
Number of poles	2	2	2
Number of inputs/outputs	1/6	1/14	2/13
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Conductor body material	brass	brass	brass
Insulating body material	polyamide 6.6	polyamide 6.6	polyamide 6.6
Cover material	polycarbonate	polycarbonate	polycarbonate
Self-extinguishing class according to UL 94	V0	V0	V0
Halogen-free	Yes	Yes	Yes
IP rating	IP20	IP20	IP20
Maximum operating temperature	40°C	40°C	40°C
Minimum operating temperature	-40°C	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights			
Height	50 mm	50 mm	50 mm
Length	94 mm	162 mm	130 mm
Width	50 mm	50 mm	50 mm
Weight	179 g	298.5 g	226 g
Space requirement in DIN modules	5,5 mm	9.5 mm	7,5 mm
Units in standard packaging	1	1	1
Installation			
DIN rail mount	Yes	Yes	Yes
Screw fixing	Yes	Yes	Yes
Accessories			
Neutral bar	-	-	-

DB/4

FOUR-POLE DISTRIBUTION BLOCKS

with direct clamping

Marking/Approvals	CE UK CA	CE UK CA	CE UK CA
Type	**DB40-11/4**	**DB100-6/4**	**DB100-13/4**
Insulating body colour	grey	grey	grey
Cover colour	clear	clear	clear
Connection capacity			
Input connection capacity	2x(6-16 mm² R; 4-10 mm² F)	1x10-25 mm² R/F	2x10-25 mm² R/F
Output connection capacity	11x(1.5-4 mm² R; 0.75-4 mm² F)	3x(1.5-4 mm² R; 0.75-4 mm² F); 3x(2.5-6 mm² R; 1.5-6 mm² F)	6x(1.5-4 mm² R; 0.75-4 mm² F); 7x(2.5-6 mm² R; 1.5-6 mm² F)
Compliant with IEC 60947-7-1			
Rated voltage	500 V AC/DC	500 V AC/DC	500 V AC/DC
Rated current	40 A	100 A	100 A
Rated peak withstand current Ipk	22 kA	20 kA	20 kA
Rated short withstand current Icw	4.5 kA	4.5 kA	4.5 kA
Rated impulse withstand voltage Uimp	-	-	-
Technical Specifications			
Number of poles	4	4	4
Number of inputs/outputs	2/11	1/6	2/13
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Conductor body material	brass	brass	brass
Insulating body material	polyamide 6.6	polyamide 6.6	polyamide 6.6
Cover material	polycarbonate	polycarbonate	polycarbonate
Self-extinguishing class according to UL 94	V0	V0	V0
Halogen-free	Yes	Yes	Yes
IP rating	IP20	IP20	IP20
Maximum operating temperature	40°C	40°C	40°C
Minimum operating temperature	-40°C	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights			
Height	50 mm	50 mm	50 mm
Length	100 mm	64 mm	130 mm
Width	90 mm	90 mm	90 mm
Weight	352.8 g	352.8 g	445 g
Space requirement in DIN modules	5,5	3.5	7,5
Units in standard packaging	1	1	1
Installation			
DIN rail mount	Yes	Yes	Yes
Screw fixing	Yes	Yes	Yes
Accessories			
Neutral bar	-	-	-

DB/4

FOUR-POLE DISTRIBUTION BLOCKS

with direct clamping

Marking/Approvals	CE UKCA	CE UKCA	CE UKCA
Type	**DB125-6/4**	**DB125-10/4**	**DB125-10/4C**
Insulating body colour	grey	grey	grey
Cover colour	clear	clear	clear
Connection capacity			
Input connection capacity	1x10-35 mm² R/F	1x10-35 mm² R/F	2x(10-35 mm² R; 10-25 mm² F)
Output connection capacity	5x(2.5-6 mm² R; 1.5-6 mm² F); 1x(10-25 mm² R; 6-16 mm² F)	7x(2.5-6 mm² R; 1.5-6 mm² F); 3x(10-25 mm² R; 6-16 mm² F)	7x(2.5-6 mm² R; 1.5-6 mm² F); 2x(10-25 mm² R; 6-16 mm² F)
Compliant with IEC 60947-7-1			
Rated voltage	690 V AC/DC	690 V AC/DC	500 V AC/DC
Rated current	125 A	125 A	125 A
Rated peak withstand current Ipk	20 kA	20 kA	20 kA
Rated short withstand current Icw	4.5 kA	4.5 kA	4.5 kA
Rated impulse withstand voltage Uimp	-	-	-
Technical Specifications			
Number of poles	4	4	4
Number of inputs/outputs	1/6	1/10	2/9
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Conductor body material	brass	brass	brass
Insulating body material	polyamide 6.6	polyamide 6.6	polyamide 6.6
Cover material	polycarbonate	polycarbonate	polycarbonate
Self-extinguishing class according to UL 94	V0	V0	V0
Halogen-free	Yes	Yes	Yes
IP rating	IP20	IP20	IP20
Maximum operating temperature	40°C	40°C	40°C
Minimum operating temperature	-40°C	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights			
Height	50 mm	50 mm	50 mm
Length	109 mm	147 mm	100 mm
Width	90 mm	90 mm	90 mm
Weight	360 g	480 g	336 g
Space requirement in DIN modules	6,5	8.5	5,5
Units in standard packaging	1	1	1
Installation			
DIN rail mount	Yes	Yes	Yes
Screw fixing	Yes	Yes	Yes
Accessories			
Neutral bar	-	DNB125-9	-

DB/4

FOUR-POLE DISTRIBUTION BLOCKS

with direct clamping

Marking/Approvals	CE UKCA	CE UKCA	CE UKCA
Type	**DB125-14/4**	**DB125-14/4C**	**DB160-11/4**
Insulating body colour	grey	grey	grey
Cover colour	clear	clear	clear
Connection capacity			
Input connection capacity	1x10-35 mm² R/F	2x(10-35 mm² R; 10-25 mm² F)	1x10-50 mm² R/F
Output connection capacity	11x(2.5-6 mm² R; 1.5-6 mm² F); 1x(10-25 mm² R; 6-16 mm² F); 2x(10-25 mm² F; 10-35 mm² R)	11x(2.5-6 mm² R; 1.5-6 mm² F); 2x(10-25 mm² R; 6-16 mm² F)	1x(2.5-6 mm² R; 1.5-6 mm² F); 7x(2.5-25 mm² R; 1.5-16 mm² F); 3x(10-35 mm² R; 10-25 mm² F)
Compliant with IEC 60947-7-1			
Rated voltage	690 V AC/DC	500 V AC/DC	690 V AC/DC
Rated current	125 A	125 A	160 A
Rated peak withstand current Ipk	14.5 kA	20 kA	35 kA
Rated short withstand current Icw	4.2 kA	4.5 kA	8.2 kA
Rated impulse withstand voltage Uimp	-	-	-
Technical Specifications			
Number of poles	4	4	4
Number of inputs/outputs	1/14	2/13	1/14
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Conductor body material	brass	brass	brass
Insulating body material	polyamide 6.6	polyamide 6.6	polyamide 6.6
Cover material	polycarbonate	polycarbonate	polycarbonate
Self-extinguishing class according to UL 94	V0	V0	V0
Halogen-free	Yes	Yes	Yes
IP rating	IP20	IP20	IP20
Maximum operating temperature	40°C	40°C	40°C
Minimum operating temperature	-40°C	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights			
Height	50 mm	50 mm	50 mm
Length	182 mm	130 mm	175 mm
Width	90 mm	90 mm	96 mm
Weight	590 g	435 g	780 g
Space requirement in DIN modules	10,5	7.5	10,0
Units in standard packaging	1	1	1
Installation			
DIN rail mount	Yes	Yes	Yes
Screw fixing	Yes	Yes	Yes
Accessories			
Neutral bar	DNB125-9	-	DNB160-10

DNB

ACCESSORIES FOR DISTRIBUTION BLOCKS - NEUTRAL BARS

with direct clamping

Marking/Approvals	CE UKCA	CE UKCA
Type	**DNB125-9**	**DNB160-10**
Insulating body colour	clear	clear
Connection capacity		
Input connection capacity	10-25 / 6-16 R/F	10-35 / 10-25 R/F
Output connection capacity	2.5-6 / 1.5-6 R/F	2.5-16 / 1.5-16
Compliant with IEC 60947-7-1		
Rated voltage	-	-
Rated current	125 A	160 A
Rated peak withstand current Ipk	30 kA	35 kA
Rated short withstand current Icw	4.5 kA	6.2 kA
Rated impulse withstand voltage Uimp	-	-
Technical Specifications		
Number of poles	13	14
Number of inputs/outputs	4/9	4/10
Clamping type	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel
Conductor body material	brass	brass
Insulating body material	polycarbonate	polycarbonate
Halogen-free	Yes	Yes
IP rating	IP20	IP20
Maximum operating temperature	40°C	40°C
Minimum operating temperature	-40°C	-40°C
Storage temperature	-30 ÷ 55°C	-30 ÷ 55°C
Dimensions and Weights		
Height	37 mm	37 mm
Length	142 mm	168 mm
Width	38 mm	41 mm
Weight	172 g	192 g
Units in standard packaging	1	1
Installation		
Screw fixing	Yes	Yes
Application for distribution block		
type	DB125-10/4 DB125-14/4	DB160-11/4

DJ160

ACCESSORIES FOR DISTRIBUTION BLOCKS - SINGLE-POLE JUMPER BAR

Marking/Approvals	
Type	**DJ160**
Insulating body colour	black
Compliant with IEC 60947-7-1	
Rated current	125 A - 160 A
Technical Specifications	
Number of poles	2
Conductor body material	tin-plated copper
Insulating body material	PVC
Dimensions and Weights	
Height (Ø)	6.5 mm
Length	37 mm
Width	35 mm
Weight	29 g
Units in standard packaging	1
Type of packaging	Box
Application for distribution block	
type	DB125-7/1N DB160-7/1N

DISTRIBUTION BLOCKS
ZETABLOCK

DISTRIBUTION BLOCKS
ZETAblock SERIES

Distribution blocks: 100, 125 and 160 A with 7, 14 and 12 ways respectively for each phase.

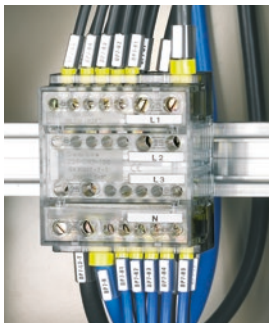
The wide range of connectable cross-sections (1 to 50 mm^2), small in size and convenient for 35 mm DIN rail attachment make the distribution locks ideal for wiring in control and distribution panels.

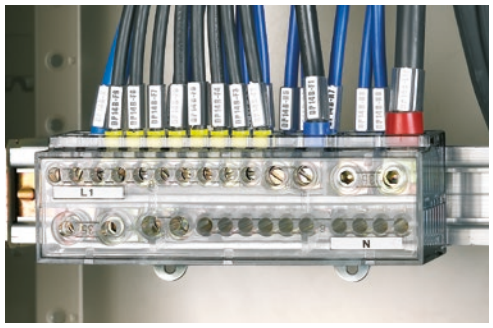
The input on two sides (with the exception of model Z35-DP14B-125) allows conductors to be distributed evenly and neatly, making wiring and any subsequent work on all phases easier.

Wiring is facilitated by conical inlet holes and captive screws, already loosened.

Indirect clamping ensure excellent stability of the connection over time.

ZETA*block*®





Examples of the use of Z50-DP12-160 and Z35-DP14B-125 type distribution blocks within electrical switchboards

Z-DP

DISTRIBUTION BLOCKS

with indirect clamping

ZETA*block*®

Marking/Approvals	CE UKCA	CE UKCA
Type	**Z25-DP7-100**	**Z35-DP14-125**
Insulating body colour	clear	clear
Connection capacity		
Cable cross-section range	1 - 25 mm²	1 - 35 mm²
Connection capacity of the ways	**2x25 mm²:** 1x25 mm² F; 1x16 mm² F; 1-2x10 mm² F **5x6 mm²:** 1 x 6 mm² F; 1x4 mm² F; 1-2x2.5 mm² F; 1-2x1.5 mm² F; 1-4x1 mm² F	**2x35 mm²:** 1x35 mm² F; 1x25 mm² F; 1-2x16 mm² F; 1-3x10 mm² F **2x16 mm²:** 1x16 mm² F; 1x10 mm² F; 1-2x6 mm² F; 1-3x4 mm² F; 1-4x2.5 mm² F **10x6 mm²:** 1 x 6mm² F; 1x4 mm² F; 1-2x2.5 mm² F; 1-2x1.5 mm² F; 1-4x1 mm² F
Compliant with EN 6094-7-1		
Rated voltage	800 V	800 V
Impulse voltage	8 kV	8 kV
Operating current	100 A	125 A
Short circuit current	3 kA / 1000 ms	4.2 kA / 1000 ms
Technical Specifications		
Number of phases	4	4
Number of ways per phase	7 (2+5)	14 (2+2+10)
Clamping type	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate
DIN rail mount material	steel	steel
Maximum operating temperature	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0
IP rating	IP20	IP20
DIN rail mount	Yes	Yes
Facilitated input	Yes	Yes
Captive screw	Yes	Yes
Dimensions and Weights		
Height	45 mm	46 mm
Length	70 mm	137 mm
Width	84 mm	83 mm
Weight	326 g	768 g
Units in standard packaging	2	1
Installation		
Wire stripping length	11-13 mm	16-18 mm
Tightening torque	1 Nm (6 mm²) 2 Nm (25 mm²)	1 Nm (6 mm²) 2 Nm (16 mm²) 4 Nm (35 mm²)

Z-DP

DISTRIBUTION BLOCKS

with indirect clamping

ZETA*block*®

Marking/Approvals	CE UKCA	CE UKCA
Type	**Z35-DP14B-125**	**Z50-DP12-160**
Insulating body colour	clear	clear
Connection capacity		
Cable cross-section range	1 - 35 mm²	6 - 50 mm²
Connection capacity of the ways	**2x35 mm²:** 1x35 mm² F; 1x25 mm² F; 1-2x16 mm² F; 1-3x10 mm² F **2x16 mm²:** 1x16 mm² F; 1x10 mm² F; 1-2x6 mm² F; 1-3x4 mm² F; 1-4x2.5 mm² F **10x6 mm²:** 1 x 6mm² F; 1x4 mm² F; 1-2x2.5 mm² F; 1-2x1.5 mm² F; 1-4x1 mm² F	**2x50 mm²:** 1x50 mm² F; 1x35 mm² F; 1-2x25 mm² F **4x25 mm²:** 1x25 mm² F; 1x16 mm² F; 1-2x10 mm² F **6x16 mm²:** 1x16 mm² F; 1x10 mm² F; 1-2x6 mm² F
Compliant with EN 6094-7-1		
Rated voltage	800 V	800 V
Impulse voltage	8 kV	8 kV
Operating current	125 A	160 A
Short circuit current	4.2 kA / 1000 ms	6 kA / 1000 ms
Technical Specifications		
Number of phases	2	4
Number of ways per phase	14 (2+2+10)	12 (2+4+6)
Clamping type	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate
DIN rail mount material	steel	steel
Maximum operating temperature	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0
IP rating	IP20	IP20
DIN rail mount	Yes	Yes
Facilitated input	Yes	Yes
Captive screw	Yes	Yes
Dimensions and Weights		
Height	46 mm	48 mm
Length	137 mm	150 mm
Width	44 mm	84 mm
Weight	404 g	876 g
Units in standard packaging	2	1
Installation		
Wire stripping length	16-18 mm	20-22 mm
Tightening torque	1 Nm (6 mm²) 2 Nm (16 mm²) 4 Nm (35 mm²)	2 Nm (16 mm²) 2 Nm (25 mm²) 4 Nm (50 mm²)

TERMINAL BLOCKS
ZETAPIÙ

TERMINAL BLOCKS ZETApiù SERIES

Single-pole, multi-way, indirect clamping connection and branch terminal blocks for conductors from 1 to 50 mm^2.

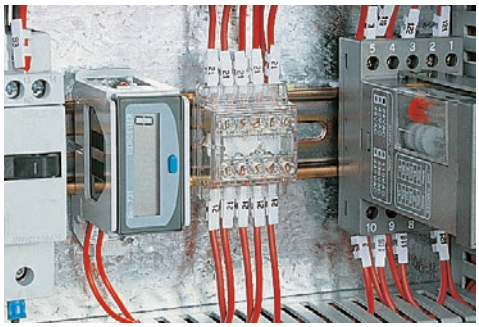
Compact and robust, ideal for quick and safe execution of civil and industrial electrical distribution systems.

The terminals, inside the terminal block, are indirectly clamped and ensure excellent stability of the connection over time, with the lower end suitably shaped to close off any unused inputs.

The inlet holes are conical for quick and easy insertion of the conductor.

The 35-mm^2 and 50-mm^2 grounding network terminal blocks are particularly suitable for the realization of equipotential grounding nodes of grounds external to electrical installations in rooms used for medical purposes, (CEI Standard 64-8; V2) in residential plant engineering and in the tertiary sector in bathroom/shower rooms (CEI Standard 64-8 01/07/2012).

ZETApiù®



Example of use of Z6-10D terminal blocks in industrial switchboards

Examples of use of Z16-8D and Z6-6D terminal blocks within DIN module control units

Example of use of Z35T-11 terminal blocks without pillar interruption as an equipotential earth node

Z6

SINGLE-POLE TERMINAL BLOCKS

with indirect clamping - nominal cross-section 6 mm²

ZETApiù®




Marking/Approvals				
Type	**Z6-3**	**Z6-3D**	**Z6-5**	**Z6-5D**
Insulating body colour	clear	clear	clear	clear
Connection capacity				
Cable cross-section range	1 - 6 mm²	1 - 6 mm²	1 - 6 mm²	1 - 6 mm²
Connection capacity of the ways	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F
Compliant with EN 60998-1; EN 60998-2-1				
Rated voltage	450 V	450 V	450 V	450 V
Operating current	60 A	60 A	60 A	60 A
Short circuit current	1 kA / 1000 ms	1 kA / 1000 ms	1 kA / 1000 ms	1 kA / 1000 ms
Technical Specifications				
Number of ways	3	3	5	5
Number of poles	1	1	1	1
Clamping type	Indirect	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	-	steel	steel	steel
Maximum operating temperature	85°C	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0	V0
IP rating	IP20	IP20	IP20	IP20
DIN rail mount	-	Yes	-	Yes
Facilitated input	Yes	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes	Yes
Dimensions and Weights				
Height	28 mm	36.5 mm	27.5 mm	36.5 mm
Length	23 mm	23 mm	35 mm	35 mm
Width	23 mm	40 mm	23 mm	40 mm
Weight	15 g	18.5 g	23.0 g	26.5 g
Units in standard packaging	30	10	20	10
Installation				
Wire stripping length	12 mm	12 mm	12 mm	12 mm
Tightening torque	0.8 Nm	0.8 Nm	0.8 Nm	0.8 Nm

Z6

SINGLE-POLE TERMINAL BLOCKS

with indirect clamping - nominal cross-section 6 mm²

ZETApiù®




Marking/Approvals	CE UKCA	CE UKCA	CE UKCA	CE UKCA
Type	**Z6-6**	**Z6-6D**	**Z6-10**	**Z6-10D**
Insulating body colour	clear	clear	clear	clear
Connection capacity				
Cable cross-section range	1 - 6 mm²	1 - 6 mm²	1 - 6 mm²	1 - 6 mm²
Connection capacity of the ways	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F
Compliant with EN 60998-1; EN 60998-2-1				
Rated voltage	450 V	450 V	450 V	450 V
Operating current	60 A	60 A	60 A	60 A
Short circuit current	1 kA / 1000 ms	1 kA / 1000 ms	1 kA / 1000 ms	1 kA / 1000 ms
Technical Specifications				
Number of ways	6	6	10	10
Number of poles	1	1	1	1
Clamping type	Indirect	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	steel	steel	steel	steel
Maximum operating temperature	85°C	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0	V0
IP rating	IP20	IP20	IP20	IP20
DIN rail mount	-	Yes	-	Yes
Facilitated input	Yes	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes	Yes
Dimensions and Weights				
Height	28.5 mm	33 mm	28.5 mm	33 mm
Length	23 mm	23 mm	35 mm	35 mm
Width	43 mm	53 mm	43 mm	53 mm
Weight	26.0 g	31.0 g	41.0 g	46.0 g
Units in standard packaging	15	10	10	15
Installation				
Wire stripping length	12 mm	12 mm	12 mm	12 mm
Tightening torque	0.8 Nm	0.8 Nm	0.8 Nm	0.8 Nm

Z16

SINGLE-POLE TERMINAL BLOCKS

with indirect clamping - nominal cross-section 16 mm²

ZETApiù®




Marking/Approvals				
Type	**Z16-3**	**Z16-3D**	**Z16-4**	**Z16-4D**
Insulating body colour	clear	clear	clear	clear
Connection capacity				
Cable cross-section range	1.5 - 16 mm²	1.5 - 16 mm²	1.5 - 16 mm²	1.5 - 16 mm²
Connection capacity of the ways	1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-4x2.5 mm² R/F; 1-8x1.5 mm² R/F	1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-4x2.5 mm² R/F; 1-8x1.5 mm² R/F	1x16 mm² F; 1 x 10 mm² F; 1-2x6 mm² F; 1-3x4 mm² F; 1-4x2.5 mm² F; 1-8x1.5 mm² F	1x16 mm² F; 1 x 10 mm² F; 1-2x6 mm² F; 1-3x4 mm² F; 1-4x2.5 mm² F; 1-8x1.5 mm² F
Compliant with EN 60998-1; EN 60998-2-1				
Rated voltage	450 V	450 V	450 V	450 V
Operating current	100 A	100 A	100 A	100 A
Short circuit current	2.7 kA / 1000 ms	2.7 kA / 1000 ms	2.7 kA / 1000 ms	2.7 kA / 1000 ms
Technical Specifications				
Number of ways	3	3	4	4
Number of poles	1	1	1	1
Clamping type	Indirect	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	steel	steel	steel	steel
Maximum operating temperature	85°C	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0	V0
IP rating	IP20	IP20	IP20	IP20
DIN rail mount	-	Yes	-	Yes
Facilitated input	Yes	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes	Yes
Dimensions and Weights				
Height	38 mm	44 mm	37 mm	43 mm
Length	38 mm	38 mm	27 mm	27 mm
Width	31.3 mm	50 mm	54 mm	58 mm
Weight	44.6 g	50.2 g	53.8 g	61 g
Units in standard packaging	20	15	15	10
Installation				
Wire stripping length	13 mm	13 mm	13 mm	13 mm
Tightening torque	2 Nm	2 Nm	2 Nm	2 Nm

Z16

SINGLE-POLE TERMINAL BLOCKS

with indirect clamping - nominal cross-section 16 mm²

ZETApiù®




Marking/Approvals				
Type	**Z16-5N**	**Z16-5ND**	**Z16-8**	**Z16-8D**
Insulating body colour	clear	clear	clear	clear
Connection capacity				
Cable cross-section range	1.5 - 16 mm²	1.5 - 16 mm²	1.5 - 16 mm²	1.5 - 16 mm²
Connection capacity of the ways	1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-4x2.5 mm² R/F; 1-8x1.5 mm² R/F	1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-4x2.5 mm² R/F; 1-8x1.5 mm² R/F	**2x16 mm²:** 1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-4x2.5 mm² R/F; 1-8x1.5 mm² R/F **6x6 mm²:** 1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	**2x16 mm²:** 1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-4x2.5 mm² R/F; 1-8x1.5 mm² R/F **6x6 mm²:** 1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F
Compliant with EN 60998-1; EN 60998-2-1				
Rated voltage	450 V	450 V	450 V	450 V
Operating current	100 A	100 A	100 A	100 A
Short circuit current	2.7 kA / 1000 ms	2.7 kA / 1000 ms	2.7 kA / 1000 ms	2.7 kA / 1000 ms
Technical Specifications				
Number of ways	5	5	8 (2+6)	8 (2+6)
Number of poles	1	1	1	1
Clamping type	Indirect	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	steel	steel	steel	steel
Maximum operating temperature	85°C	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0	V0
IP rating	IP20	IP20	IP20	IP20
DIN rail mount	-	Yes	-	Yes
Facilitated input	Yes	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes	Yes
Dimensions and Weights				
Height	38 mm	44 mm	36.5 mm	42 mm
Length	61 mm	61 mm	35.5 mm	35.5 mm
Width	31.5 mm	50 mm	58.4 mm	64.8 mm
Weight	71 g	78 g	50 g	50 g
Units in standard packaging	10	4	15	15
Installation				
Wire stripping length	13 mm	13 mm	13 mm	13 mm
Tightening torque	2 Nm	2 Nm	2 Nm (16 mm²) 0.8 Nm (6 mm²)	2 Nm (16 mm²) 0.8 Nm (6 mm²)

Z16

SINGLE-POLE TERMINAL BLOCKS

with indirect clamping - nominal cross-section 16 mm²

ZETApiù®

Marking/Approvals		
Type	**Z16-12**	**Z16-12D**
Insulating body colour	clear	clear
Connection capacity		
Cable cross-section range	1.5 - 16 mm²	1.5 - 16 mm²
Connection capacity of the ways	**2x16 mm²:** 1x16 mm² F; 1x10 mm² F; 1-2x6 mm² F; 1-3x4 mm² F; 1-4x2.5 mm² F; **10x6 mm²:** 1x6 mm² F; 1x4 mm² F; 1-2x2.5 mm² F; 1-2x1.5 mm² F; 1-4x1 mm² F	**2x16 mm²:** 1x16 mm² F; 1x10 mm² F; 1-2x6 mm² F; 1-3x4 mm² F; 1-4x2.5 mm² F; **10x6 mm²:** 1x6 mm² F; 1x4 mm² F; 1-2x2.5 mm² F; 1-2x1.5 mm² F; 1-4x1 mm² F
Compliant with EN 60998-1; EN 60998-2-1		
Rated voltage	450 V	450 V
Operating current	100 A	100 A
Short circuit current	2.7 kA / 1000 ms	2.7 kA / 1000 ms
Technical Specifications		
Number of ways	12 (2+10)	12 (2+10)
Number of poles	1	1
Clamping type	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate
DIN rail mount material	steel	steel
Maximum operating temperature	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0
IP rating	IP20	IP20
DIN rail mount	-	Yes
Facilitated input	Yes	Yes
Captive screw	Yes	Yes
Dimensions and Weights		
Height	36.5 mm	42 mm
Length	104.5 mm	104.5 mm
Width	32.5 mm	50 mm
Weight	120 g	134 g
Units in standard packaging	8	5
Installation		
Wire stripping length	13 mm	13 mm
Tightening torque	2 Nm (16 mm²) 0.8 Nm (6 mm²)	2 Nm (16 mm²) 0.8 Nm (6 mm²)

Z35

SINGLE-POLE TERMINAL BLOCKS

with indirect clamping - nominal cross-section 35 mm²

ZETApiù®




Marking/Approvals	CE UKCA	CE UKCA	CE UKCA	CE UKCA
Type	**Z35-3**	**Z35-3D**	**Z35-4**	**Z35-4D**
Insulating body colour	clear	clear	clear	clear
Connection capacity				
Cable cross-section range	6 - 35 mm²	6 - 35 mm²	6 - 35 mm²	6 - 35 mm²
Connection capacity of the ways	1x35 mm² R/F; 1x25 mm² R/F; 1-2x16 mm² R/F; 1-3x10 mm² R/F; 1-5x6 mm² R/F	1x35 mm² R/F; 1x25 mm² R/F; 1-2x16 mm² R/F; 1-3x10 mm² R/F; 1-5x6 mm² R/F	1x35 mm² F; 1x25 mm² F; 1-2x16 mm² F; 1-3x10 mm² F; 1-6x6 mm² F	1x35 mm² F; 1x25 mm² F; 1-2x16 mm² F; 1-3x10 mm² F; 1-6x6 mm² F
Compliant with EN 60998-1; EN 60998-2-1				
Rated voltage	450 V	450 V	450 V	450 V
Operating current	100 A	100 A	100 A	100 A
Short circuit current	2.7 kA / 1000 ms	2.7 kA / 1000 ms	2.7 kA / 1000 ms	2.7 kA / 1000 ms
Technical Specifications				
Number of ways	3	3	4	4
Number of poles	1	1	1	1
Clamping type	Indirect	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	steel	steel	steel	steel
Maximum operating temperature	85°C	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0	V0
IP rating	IP20	IP20	IP20	IP20
DIN rail mount	-	Yes	-	Yes
Facilitated input	Yes	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes	Yes
Dimensions and Weights				
Height	42 mm	48 mm	42 mm	48 mm
Length	53 mm	53 mm	37 mm	37 mm
Width	48.5 mm	50 mm	85 mm	85 mm
Weight	117.3 g	132.4 g	143.2 g	158.3 g
Units in standard packaging	10	5	5	5
Installation				
Wire stripping length	13 mm	13 mm	13 mm	13 mm
Tightening torque	3.5 Nm	3.5 Nm	3.5 Nm	3.5 Nm

Z35

SINGLE-POLE TERMINAL BLOCKS

with indirect clamping - nominal cross-section 35 mm²

ZETApiù®

Marking/Approvals		
Type	**Z35-6**	**Z35-6D**
Insulating body colour	clear	clear
Connection capacity		
Cable cross-section range	6 - 35 mm²	6 - 35 mm²
Connection capacity of the ways	**2x35 mm²:** 1x35 mm² R/F; 1x25 mm² R/F; 1-2x16 mm² R/F; 1-3x10 mm² R/F; 1-6x6 mm² F **4x16 mm²:** 1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-5x2.5 mm² F	**2x35 mm²:** 1x35 mm² R/F; 1x25 mm² R/F; 1-2x16 mm² R/F; 1-3x10 mm² R/F; 1-6x6 mm² F **4x16 mm²:** 1x16 mm² R/F; 1x10 mm² R/F; 1-2x6 mm² R/F; 1-3x4 mm² R/F; 1-5x2.5 mm² F
Compliant with EN 60998-1; EN 60998-2-1		
Rated voltage	450 V	450 V
Operating current	100 A	100 A
Short circuit current	2.7 kA / 1000 ms	2.7 kA / 1000 ms
Technical Specifications		
Number of ways	6 (2+4)	6 (2+4)
Number of poles	1	1
Clamping type	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate
DIN rail mount material	steel	steel
Maximum operating temperature	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0
IP rating	IP20	IP20
DIN rail mount	-	Yes
Facilitated input	Yes	Yes
Captive screw	Yes	Yes
Dimensions and Weights		
Height	43 mm	52 mm
Length	83 mm	83 mm
Width	41 mm	49 mm
Weight	139.2 g	152.8 g
Units in standard packaging	8	5
Installation		
Wire stripping length	13 mm	13 mm
Tightening torque	3.5 Nm (35 mm²) 2 Nm (16 mm²)	3.5 Nm (35 mm²) 2 Nm (16 mm²)

Z35
Z50

SINGLE-POLE TERMINAL BLOCKS FOR GROUND NETWORKS

with indirect clamping - nominal cross-section 35/50 mm²

ZETApiù®

				
Marking/Approvals	CE UKCA	CE UKCA	CE UKCA RINA	CE UKCA
Type	**Z35T-11**	**Z35T-11D**	**Z35-26D**	**Z50-10D**
Insulating body colour	clear	clear	clear	clear
Connection capacity				
Cable cross-section range	1 - 35 mm²	1 - 35 mm²	2.5 - 35 mm²	4 - 50 mm²
Connection capacity of the ways	**1x35 mm²:** 1x35 mm² R/F; 1x25 mm² R/F; 1x16 mm² R/F; 1x10 mm² R/F **10x6 mm²:** 1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	**1x35 mm²:** 1x35 mm² R/F; 1x25 mm² R/F; 1x16 mm² R/F; 1x10 mm² R/F **10x6 mm²:** 1x6 mm² R/F; 1x4 mm² R/F; 1-2x2.5 mm² R/F; 1-2x1.5 mm² R/F; 1-4x1 mm² R/F	**2x35 mm²:** 1x35 mm² R/F; 1x25 mm² R/F; 1-2x16 mm² R/F; 1-3x10 mm² R/F; 1-6x6 mm² R/F **24x10 mm²:** 1x10 mm² R/F; 1x6 mm² R/F; 1-2x4 mm² R/F; 1-4x2.5 mm² R/F	**2x50 mm²:** 1x50 mm² R/F; 1x35 mm² R/F; 1-2x25 mm² R/F; 1-4x16 mm² R/F **8x25 mm²:** 1x25 mm² R/F; 1-2x16 mm² R/F; 1-3x10 mm² R/F; 1-6x6 mm² R/F; 1-9x4 mm² R/F
Technical Specifications				
Number of ways	11 (1+10)	11 (1+10)	26 (2+24)	10 (2+8)
Number of poles	1	1	1	1
Clamping type	Indirect	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	steel	steel	steel	steel
Maximum operating temperature	85°C	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0	V0
IP rating	IP20	IP20	IP20	-
DIN rail mount	-	Yes	Yes	Yes
Facilitated input	Yes	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes	Yes
Dimensions and Weights				
Height	42 mm	47 mm	48 mm	49 mm
Length	58 mm	58 mm	151 mm	77.5 mm
Width	43 mm	53 mm	52 mm	55 mm
Weight	75.2 g	76 g	387 g	325.6 g
Units in standard packaging	10	10	4	6
Installation				
Wire stripping length	11-13 mm (10 mm²) 18-20 mm (35 mm²)	11-13 mm (10 mm²) 18-20 mm (35 mm²)	18 mm	20-22 mm
Tightening torque	3.5 Nm (35 mm²) 0.8 Nm (6 mm²)	3.5 Nm (35 mm²) 0.8 Nm (6 mm²)	3.5 Nm (35 mm²) 1.2 Nm (10 mm²)	5 Nm

ZETAMINI TERMINALS

TERMINALS ZETAmini SERIES

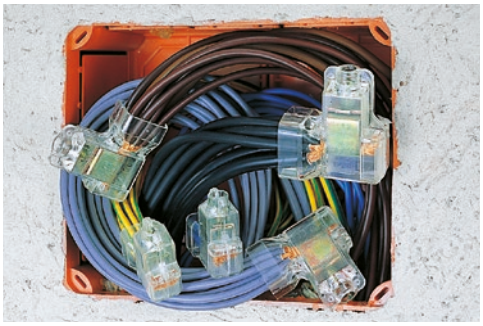
Single-pole connecting and branch terminals for 0.5 to 35 mm² conductors.

Compact and robust, ideal for quick and safe execution of civil and industrial electrical distribution systems.

Indirect clamping of the terminals ensures excellent stability of the connection over time. The inlet holes are conical for quick and easy insertion of the conductor.

ZETAmini®

Examples of use of Z6-1, Z10-1 and Z16-1 terminals in junction boxes



Example of use of Z25-1 and Z35-1 terminals inside junction boxes

Z-1

ONE-WAY TERMINAL

with indirect clamping

ZETAmini®

Marking/Approvals	CE UKCA RINA	CE UKCA RINA	CE UKCA RINA
Type	**Z2.5-1**	**Z6-1**	**Z10-1**
Insulating body colour	clear	clear	clear
Connection capacity			
Cable cross-section range	0.5 - 2.5 mm²	0.5 - 6 mm²	0.75 - 10 mm²
Connection capacity of the ways	2x2.5 mm² R/F; 2-3x1.5 mm² R/F; 2-5x1.0 mm² R/F; 2-6x0.75 mm² R/F; 2-10x0.5 mm² R/F	2x6 mm² R/F; 2-3x4 mm² R/F; 2-4x2.5 mm² R/F; 2-6x1.5 mm² R/F; 2-8x1 mm² R/F; 2-10x0.5 mm² R/F; 2-12x0.5 mm² R/F	2x10 mm² R/F; 2-3x6 mm² R/F; 2-5x4 mm² R/F; 2-8x2.5 mm² R/F; 2-12x1.5 mm² R/F; 2-20x1 mm² R/F; 2-25x0.75 mm² R/F
Compliant with EN 60998-1; EN 60998-2-1			
Rated voltage	450 V	450 V	450 V
Operating current	24 A	41 A	57 A
Technical Specifications			
Number of ways	1	1	1
Number of poles	1	1	1
Clamping type	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	-	-	-
Maximum operating temperature	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0
IP rating	IP20	IP20	IP20
DIN rail mount	-	-	-
Facilitated input	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes
Dimensions and Weights			
Height	23.5 mm	29 mm	32.5 mm
Length	7.6 mm	11.5 mm	11.5 mm
Width	20 mm	28 mm	32 mm
Weight	3.3 g	6.8 g	12.5 g
Units in standard packaging	500/25	200/25	80/10
Installation			
Wire stripping length	10 mm	15 mm	16 mm
Tightening torque	0.5 Nm	0.8 Nm	1.2 Nm

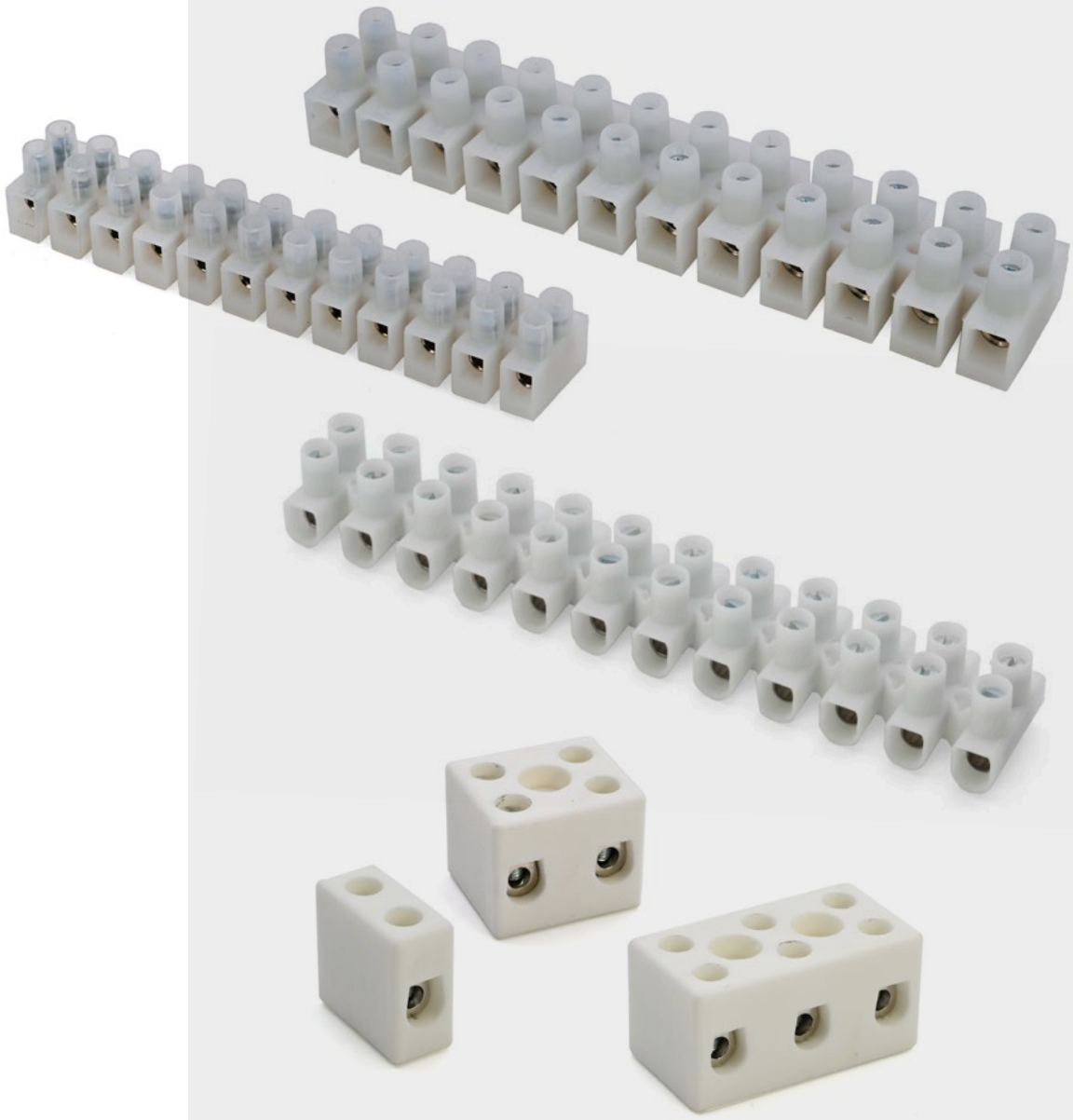
Z-1

ONE-WAY TERMINAL

with indirect clamping

ZETAmini®

Marking/Approvals	CE UKCA RINA	CE UKCA RINA	CE UKCA RINA
Type	**Z16-1**	**Z25-1**	**Z35-1**
Insulating body colour	clear	clear	clear
Connection capacity			
Cable cross-section range	1.5 - 16 mm²	2.5 - 25 mm²	2.5 - 35 mm²
Connection capacity of the ways	2x16 mm² R/F; 2-3x10 mm² R/F; 2-5x6 mm² R/F; 2-8x4 mm² R/F; 2-12x2.5 mm² R/F; 2-18x1.5 mm² R/F	2x25 mm² R/F; 2-3x16 mm² R/F; 2-4x10 mm² R/F; 2-8x6 mm² R/F; 2-11x4 mm² R/F; 4-16x2.5 mm² R/F	2x35 mm² R/F; 2-3x25 mm² R/F; 2-4x16 mm² R/F; 2-7x10 mm² R/F; 2-11x6 mm² R/F; 4-17x4 mm² R/F; 5-28x2.5 mm² R/F
Compliant with EN 60998-1; EN 60998-2-1			
Rated voltage	450 V	450 V	450 V
Operating current	76 A	101 A	125 A
Technical Specifications			
Number of ways	1	1	1
Number of poles	1	1	1
Clamping type	Indirect	Indirect	Indirect
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised tempered steel	galvanised tempered steel	galvanised tempered steel
Plate material	ETP tin-plated copper	ETP tin-plated copper	ETP tin-plated copper
Cage material	galvanised steel	galvanised steel	galvanised steel
Insulating body material	polycarbonate	polycarbonate	polycarbonate
DIN rail mount material	-	-	-
Maximum operating temperature	85°C	85°C	85°C
Self-extinguishing class according to UL 94	V0	V0	V0
IP rating	IP20	IP20	IP20
DIN rail mount	-	-	-
Facilitated input	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes
Dimensions and Weights			
Height	38 mm	43.5 mm	51.5 mm
Length	18 mm	20.8 mm	25 mm
Width	34 mm	42.5 mm	45 mm
Weight	16.2 g	31.1 g	40.6 g
Units in standard packaging	60/10	50/10	40/10
Installation			
Wire stripping length	17 mm	22 mm	24 mm
Tightening torque	2 Nm	2.5 Nm	3.5 Nm



TERMINAL BLOCKS
EKL AND ZS

EKLN

12 POLE TERMINAL BLOCKS

with direct clamping - in polyamide (PA6.6)

Common construction features:
- Brass terminal
- Galvanised steel screw

Variants upon request for the Polyamide version PA6.6 - **No. of poles from 1 to 11:**
- replace 12 with the required no. of poles
- Versions with a protection flap: add "DSN" at the end

EKL 0E PA XX XX
No. of poles
DSN version with protection flap

DSN

Marking/Approvals	CE UKCA	CE UKCA	CE UKCA
Type	**EKL0EPA12N**	**EKL1BEPA12N**	**EKL2EPA12N**
Insulating body colour	white	white	white
Connection capacity			
Cable cross-section range	1.5 ÷ 2.5 mm²	2.5 ÷ 4 mm²	6 ÷ 10 mm²
Compliant with EN 60998-1; EN 60998-2-1			
Rated voltage	450 V	450 V	450 V
Technical Specifications			
Number of poles	12	12	12
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel
Terminal material	brass	brass	brass
Insulating body material	polyamide (PA6.6)	polyamide (PA6.6)	polyamide (PA6.6)
Maximum operating temperature	110°C	110°C	110°C
Self-extinguishing class according to UL 94	V2	V2	V2
IP rating	-	-	-
Facilitated input	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes
Dimensions and Weights			
Height	14,5 mm	15,7 mm	20,0 mm
Length	94 mm	116,2 mm	139,8 mm
Width	16,4 mm	20,2 mm	23,1 mm
Weight	19,5 g	29 g	43 g
Units in standard packaging	50	30	15

EKLN

12 POLE TERMINAL BLOCKS

with direct clamping - in polyamide (PA6.6)

Marking/Approvals	CE UKCA	CE UKCA
Type	**EKL3EM4PA12N**	**EKL4BEPA12N**
Insulating body colour	white	white
Connection capacity		
Cable cross-section range	10 ÷ 16 mm²	10 ÷ 25 mm²
Compliant with EN 60998-1; EN 60998-2-1		
Rated voltage	450 V	450 V
Technical Specifications		
Number of poles	12	12
Clamping type	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel
Terminal material	brass	brass
Insulating body material	polyamide (PA6.6)	polyamide (PA6.6)
Maximum operating temperature	110°C	110°C
Self-extinguishing class according to UL 94	V2	V2
IP rating	-	-
Facilitated input	Yes	Yes
Captive screw	Yes	Yes
Dimensions and Weights		
Height	24,8 mm	34,0 mm
Length	171,8 mm	208,5 mm
Width	32,1 mm	37,5 mm
Weight	81 g	124,7 g
Units in standard packaging	25	25

EKL

12 POLE TERMINAL BLOCKS

with direct clamping - in polypropylene (PP)

Common construction features:
- Terminal in chrome-plated brass
- Chrome-plated steel screw

Marking/Approvals	CE	CE	CE
Type	**EKL0S**	**EKL1S**	**EKL2S**
Insulating body colour	white	white	white
Connection capacity			
Cable cross-section range	4 mm^2	6 mm^2	10 mm^2
Compliant with EN 60998-1; EN 60998-2-1			
Rated voltage	450 V	450 V	450 V
Technical Specifications			
Number of poles	12	12	12
Clamping type	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw
Clamping element material	chrome-plated steel	chrome-plated steel	chrome-plated steel
Terminal material	chrome-plated brass	chrome-plated brass	chrome-plated brass
Insulating body material	polypropylene (PP)	polypropylene (PP)	polypropylene (PP)
Maximum operating temperature	80°C	80°C	80°C
Self-extinguishing class according to UL 94	-	-	-
Halogen-free	Yes	Yes	Yes
Facilitated input	Yes	Yes	Yes
Captive screw	Yes	Yes	Yes
Dimensions and Weights			
Height	13.0 mm	14.9 mm	17.3 mm
Length	94.9 mm	116.5 mm	133.8 mm
Width	16.6 mm	18.9 mm	23.4 mm
Weight	17.5 g	26.2 g	42.0 g
Units in standard packaging	50	30	15

EKL

12 POLE TERMINAL BLOCKS

with direct clamping - in polypropylene (PP)

Marking/Approvals	CE	CE
Type	**EKL3S**	**EKL4BESVCE**
Insulating body colour	white	white
Connection capacity		
Cable cross-section range	16 mm^2	25 mm^2
Compliant with EN 60998-1; EN 60998-2-1		
Rated voltage	450 V	750 V
Technical Specifications		
Number of poles	12	12
Clamping type	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw
Clamping element material	chrome-plated steel	chrome-plated steel
Terminal material	chrome-plated brass	chrome-plated brass
Insulating body material	polypropylene (PP)	polypropylene (PP)
Maximum operating temperature	80°C	80°C
Self-extinguishing class according to UL 94	-	-
Halogen-free	Yes	Yes
Facilitated input	Yes	Yes
Captive screw	Yes	Yes
Dimensions and Weights		
Height	25.0 mm	28.0 mm
Length	174.5 mm	187.3 mm
Width	20.7 mm	30.0 mm
Weight	74.0 g	112.0 g
Units in standard packaging	25	25

ZS

TERMINAL BLOCKS IN STEATITE

with direct clamping





Marking/Approvals	CE	CE	CE	CE	CE
Type	**ZS-U6**	**ZS-B6**	**ZS-T6**	**ZS-U10**	**ZS-B10**
Insulating body colour	ivory	ivory	ivory	ivory	ivory
Connection capacity					
Rigid cable cross-section range	4 - 6 mm^2	4 - 6 mm^2	4 - 6 mm^2	10 mm^2	10 mm^2
Flexible cable cross-section range	4 mm^2	4 mm^2	4 mm^2	6 mm^2	6 mm^2
Rated voltage	450 V	450 V	450 V	450 V	450 V
Technical Specifications					
Number of poles	1	2	3	1	2
Clamping type	direct	direct	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Terminal material	brass	brass	brass	brass	brass
Insulating body material	steatite	steatite	steatite	steatite	steatite
Maximum operating temperature	350°C	350°C	350°C	350°C	350°C
Dimensions and Weights					
Height	18 mm	18 mm	18 mm	20 mm	20 mm
Length	9 mm	22 mm	36 mm	13 mm	24 mm
Width	19 mm	19 mm	19 mm	21 mm	21 mm
Weight	8.7 g	20.5 g	33.7 g	13.8 g	23.9 g
Units in standard packaging	200	80	60	200	80

ZS

TERMINAL BLOCKS IN STEATITE

with direct clamping




Marking/Approvals	CE	CE	CE	CE
Type	**ZS-T10**	**ZS-U16**	**ZS-B16**	**ZS-T16**
Insulating body colour	ivory	ivory	ivory	ivory
Connection capacity				
Rigid cable cross-section range	10 mm^2	16 mm^2	16 mm^2	16 mm^2
Flexible cable cross-section range	6 mm^2	10 mm^2	10 mm^2	10 mm^2
Rated voltage	450 V	450 V	450 V	450 V
Technical Specifications				
Number of poles	3	1	2	3
Clamping type	direct	direct	direct	direct
Geometry of the clamping element	slotted head screw	slotted head screw	slotted head screw	slotted head screw
Clamping element material	galvanised steel	galvanised steel	galvanised steel	galvanised steel
Terminal material	brass	brass	brass	brass
Insulating body material	steatite	steatite	steatite	steatite
Maximum operating temperature	350°C	350°C	350°C	350°C
Dimensions and Weights				
Height	20 mm	22 mm	22 mm	22 mm
Length	36 mm	15 mm	31 mm	48 mm
Width	21 mm	27 mm	27 mm	27 mm
Weight	35.5 g	22.7 g	43.5 g	68.3 g
Units in standard packaging	70	100	50	30

GENERAL TERMS AND CONDITIONS OF SALE

CEMBRE

1. GENERAL TERMS

1.1 For the purpose of these GENERAL TERMS AND CONDITIONS OF SALE (the "Terms and Conditions"), the following definitions shall apply:
- «Seller»: CEMBRE S.p.A. and its affiliates;
- «Affiliate»: any entity directly or indirectly, through one or more intermediaries, controlling, controlled by, or under common control with CEMBRE S.p.A.;
- «Buyer»: any professional or entrepreneur purchasing the Products from the Seller;
- «Products»: the goods manufactured and/or sold by the Seller;
- «Order(s)»: each proposal for the purchase of the Products submitted by the Buyer to the Seller in writing;
- «Sale(s)»: each single sale agreement entered into further to the receipt by the Buyer of the written order confirmation of the Seller.

1.2 These Terms and Conditions govern the sale of equipment, components, parts, and materials (the "Products") supplied by the Seller to the Buyer. Any specific supply agreement, order confirmation, quotation, these Terms and Conditions and the purchase order form the Sales Agreement ("Agreement") between the parties. In the event of a conflict between these documents, precedence shall apply in accordance with the order listed in the previous sentence.

1.3 CEMBRE's quotation, proposal or order confirmation is conditional on the Buyer's acceptance of these Terms and Conditions. Buyer's silence or acceptance/use of the Products or services related to any purchase order shall constitute tacit approval of these Terms and Conditions.

1.4 Any additional or conflicting terms included in the Buyer's request for quotation/proposal, specifications, purchase order or any other written or oral communication are not binding on CEMBRE unless separately signed by CEMBRE. CEMBRE's failure to object to Buyer's additional or conflicting terms (including the Buyer's Terms and Conditions of Purchase) does not operate as a waiver of any terms contained herein.

2. ORDERING PROCEDURES

2.1 Offers of the Seller are not binding. This shall also apply if the Seller has provided the Buyer with catalogues, technical documentation (e.g. drawings, plans, calculations, calculations, references to DIN standards), other product descriptions or documents - also in electronic form - to which the Seller reserves property rights and copyrights pursuant to Clause 8.

2.2 Unless otherwise agreed, the information in offers and order confirmations shall refer to the contents of the respectively valid price lists, catalogues or other documents - also in electronic form, including technical data sheets, of the Seller.

2.3 All orders must be sent in writing and include all the details for a correct identification of the Products and Services requested. The minimum order amount is € 250.

2.4 The order is an irrevocable proposal to buy, but it is accepted by the Seller only following order acknowledgement / confirmation or execution.

2.5 The Buyer may request in writing to cancel or modify the order only prior to its execution and the Seller may at its own discretion accept or reject such request. Only cancellations and modifications expressly accepted by the Seller in writing shall be valid and effective.

3. PRICING AND PAYMENT TERMS

3.1 Unless otherwise specified in writing, Seller's quotations have a 30-day validity, after which they will automatically expire.

3.2 Prices quoted in price-lists and marketing materials are not binding and cannot be considered a "public offer". Unless otherwise agreed in writing, prices are always quoted based on delivery term FCA (Incoterms latest version) net of any applicable statutory value added /goods and services tax and of any applicable taxes and duties.

3.3 The Seller reserves the right to update the price-list without prior notice; the new release of the price-list will apply to all the Orders placed after the date such new release is issued and sent to the Buyer. Invoices will be issued in accordance with the prices in force on the date of the order confirmation or as otherwise agreed in specific supply agreements.

3.4 In the event of late payment, the Seller will have the right to charge overdue interest in accordance with the provisions of law no. 231/2002. Any further claim for damages caused by delay shall remain unaffected.

3.5 In the event of payment arrears, suspension of payments and if circumstances become known which are likely to reduce the creditworthiness of the customer, the Seller shall be entitled, after having granted a period of grace, to declare all claims arising from the entire business relationship with the customer immediately due for payment. Discount agreements, rebates and the like shall be deemed forfeited in this case.

3.6 Failure to pay or delayed payments above 30 days also entitle the Seller to suspend the delivery of the Products and terminate every single Sale entered into. The suspension of the delivery of the Products or the termination of any Sale shall not entitle the Buyer to claim for any compensation.

3.7 Any complaints regarding the Products and/or their delivery shall not be grounds for suspending or delaying the payment.

3.8 In the event of default or risk of insolvency concerning the Buyer, the Seller will be entitled to:
- demand payment in advance or suitable guarantees; and/or
- suspend deliveries; and/or
- demand immediate payment of all the invoices already issued, regardless of the payment term therein indicated; and/or
- terminate any existing sale agreement.

4. DELIVERY

4.1 Except as otherwise agreed upon in writing between the parties, the Seller shall deliver the Products FCA its premises (INCOTERMS latest version). If required, the Seller shall take care of the shipment of the Products at the Buyer's costs and expenses. In this last case delivery shall be considered to have taken place when the Products are transferred to the forwarder.

4.2 In case of missing or damaged goods during transport, the Buyer must formulate all the necessary reservations on the delivery note of said goods at the time of delivery. Such reservations must also be confirmed in writing to the Seller within 48 hours of the date of the delivery, by registered mail with return receipt.

4.3 The Seller cannot be held liable for delays in deliveries in the following circumstances:
- acts of God or other extraordinary events beyond reasonable control, resulting in interruption of the manufacturing process, including shortage of energy and/or raw materials, pandemics strikes, embargoes or trade restrictions;
- delays due to the Buyer, particularly when the Buyer failed to provide the information required to execute the order;
- overdue payments, pursuant to arts. 1460 and 1461 of the Civil Code.

4.4 Penalties for late delivery may be charged by the Buyer only when expressly agreed in a specific supply agreement, and in any case up to a maximum amount equal to the price of the delayed delivery.

4.5 The Buyer shall not reject partial deliveries or late deliveries. All costs resulting from the rejection of goods will be charged to the Buyer. Excess deliveries for the purpose of rounding up to the packing quantity shall be deemed to be contractual performance and shall be paid by Buyer.

4.6 Goods returned at the request of the Buyer can only be accepted if the Seller has agreed in writing. The returned parts must be in their original packaging, come from the current product range and be in saleable condition. The return shipment must be carriage paid and at the risk of the Buyer. From the purchase price to be refunded, a depreciation fee will be deducted based on the actual conditions of the goods, their age and original price. Depreciation shall not apply to goods returned under section 5 and 6 hereinafter, provided that the return was authorized by the Seller. Custom-made products or articles which are not included in the current catalogue will not be taken back. Returned goods that are not accepted by the Seller will be shipped back to Buyer (freight paid by the Buyer) or scrapped upon the Buyer's authorization.

4.7 In the event of modifications to the order required by the Buyer, the delivery deadline will automatically be extended for the time necessary to implement the required modification.

5. CONFORMITY

5.1 Complaints about apparent defects or non-conformity of the product delivered in relation to the purchase order or the packing slip must be notified to the Seller in writing within 48 hours after receipt of the products, subject to forfeiture. The Buyer loses the right to claim if the goods are not inspected immediately after delivery.

5.2 In the absence of a specific agreement on quality, the features contained in a specification, a product-specific technical data sheet or an equivalent description by the Seller shall be deemed to be the relevant quality. Insignificant deviations shall not constitute a defect.

5.3 All actions regarding non-conformities detected by the Buyer must be agreed upon in advance with the Seller's quality department; in particular, the Buyer must not charge any costs not agreed upon in advance between the Parties.

6. WARRANTY AND LIABILITY

6.1 Unless otherwise agreed upon in writing, the Seller warrants that the Products are free from defects in material, design and manufacturing and fit for use. No guarantee is given herein by the Seller on the conformity of any Product with the law and regulations in countries outside EU and the UK. No other warranties, express or implied, are made with respect to the Products including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose.

6.2 Unless otherwise agreed upon in writing, the warranty shall be valid for a period of one year from the date of delivery to the Buyer. Warranty is provided only on tools or machines with a serial number or other identification number that allows traceability. The warranty is, however, excluded if the Products have already been processed by the Buyer or incorporated in products, machinery or plants of the Buyer or of third parties.

6.3 Claims for defective Products shall be made in writing within eight working days from discovery.

6.4 The defective Products shall be returned to the Seller at the Buyer's cost upon Seller's request. The Seller's sole obligation (and Buyer's sole remedy) for any breach of warranty under the foregoing warranty shall be to repair (at location designated by Seller) or replace DAP the original point of delivery the defective goods, within a reasonable time. In the event that the Seller, for any reason, is unable to return a repaired or replaced product under warranty to the Buyer, it will proceed at its own discretion to refund the price paid, or replace the product with another having equal or superior characteristics. The Buyer will waive any claim for damage compensation once the warranty has been fulfilled and the Product has been repaired or replaced. The warranty shall not cover defects due to environmental or stress testing, misuse, failure to observe the Seller's instructions regarding the functioning, maintenance and the storage of the Products, repairs or modifications made by the Buyer or a third party without prior written authorization of the Seller, improper installation, transportation or handling.

6.5 Direct interventions on site are not included in the warranty; if expressly requested by the Buyer they are subject to charge, according to the Seller's tariffs.

6.6 Warranty repair/replacements may be suspended in the event of insolvency of the Buyer or overdue invoices.

6.7 Save for the case of fraud or gross negligence, the Seller shall bear no liability for damages to property or third parties other than that expressly provided by virtue of any mandatory law provisions. In any case, the Seller shall not be liable for indirect or consequential damages of whatsoever nature as, by way of example, production losses or unearned profits. In any case, Buyer's right to damages shall be limited to a maximum amount equal to the value of the Products showing defects or faults.

6.8 The Seller shall bear no liability for damages to property or third parties other than that expressly provided by virtue of any mandatory law provisions. The Seller will not, under any circumstances, be liable for the cost of removal or reinstallation of goods or the cost of disassembly or reassembly or for loss of business or goodwill or profits or for cost of inspection or storage or for any incidental and consequential damages of any nature which may arise from the sale of goods to the Buyer. When liability cannot be excluded by virtue of mandatory law provisions, Buyer's right to damages shall in any case be limited to a maximum amount equal to the value of the Products showing defects or faults.

6.9 The Seller has taken out suitable insurance policies covering general liability in connection with the Products.

6.10 Cembre products are intended for professional users (B2B): the applicability of consumer protection regulations, including those related to warranty, is expressly excluded. The sale of Cembre products through channels accessible to consumers is expressly prohibited, and vendors who contravene this prohibition will assume all civil and criminal liability towards third parties and the competent authorities.

7. EXPORT CONTROL REGULATIONS

7.1 The Seller shall not be obligated to fulfil this agreement if such fulfilment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes or other sanctions or restrictions.

7.2 The Buyer is aware that the Products are intended to be sold and used exclusively for civil purposes, to the exclusion of any military or nuclear applications, or applications related to the development and production of chemical weapons and weapons of mass destruction.

7.3 The Buyer is aware that under the EU regulations, re-exportation to Russia and re-exportation for use in Russia of goods or technologies listed in Annexes XI, XX, XXXV and XL of EU Reg. 2014/833, dual-use products and firearms and ammunition listed in Annex I of EU Regulation n. 258/2012 are prohibited. Re-export to Belarus and re-export for use in Belarus of the goods or technologies listed in Annexes XVI. XVII, XXVIII, XXX, as well as firearms and ammunition listed in Annex I of Regulation (EU) No. 258/2012 are also prohibited. The Buyer consequently undertakes to comply with the trade restrictions issued by the EU authorities, as subsequently amended and supplemented.

7.4 If the Buyer transfers the Products to a third party, the Buyer shall comply with all applicable national and international (re-) export control regulations.

7.5 The Buyer shall cooperate with the Seller to provide the information concerning end users, destination and intended use of goods supplied by CEMBRE, in case this is necessary due to customs control activities or export control regulations.

7.6 Violations of this section 7 shall entitle the Seller to terminate any existing sale agreement at any time without notice.

8 INTELLECTUAL PROPERTY, CONFIDENTIALITY AND PRIVACY

8.1 The use of CEMBRE trademarks is governed by the General Terms and Conditions, published on the website https://www.cembre.com/en/terms-and-condition, which the Buyer is obliged to comply with. It is prohibited to relabel and repackage the Products without CEMBRE's written authorization.

8.2 Each party will retain ownership of its Intellectual Property developed before or outside the scope of the sale agreement. If any Intellectual Property is developed under the sale agreement, the parties shall execute a separate agreement regarding the ownership thereof.

8.3 Seller expressly reserves the copyright to its catalogues, technical documentation (e.g. drawings, plans, calculations, data sheets), other product descriptions or documents - also in electronic form. The Buyer is only granted a non-exclusive right of use.

8.4 All drawings and technical documents relating to the Products submitted by one party to the other shall remain exclusive property of the submitting party and can only be used for the purpose for which they were provided. The receiving party is not allowed to use such documents otherwise, to procure copies thereof, to reproduce and to disclose them to a third party without consent of the submitting party. The end user of the Products shall not be deemed as a third party for the purpose of this section.

8.5 Any liability of the Seller is excluded if the Buyer is responsible for the infringement of property rights, in particular because he has modified the object of performance, used it in breach of contract or taken it to a place other than the place of destination without the Seller's consent.

8.6 If the Seller manufactures goods according to drawings, samples or other information provided by the Buyer (OEM products) and if the property rights of third parties are infringed in the process, the Buyer shall indemnify the Seller from all claims for damages resulting from this.

8.7 The Seller warrants that the personal data received from the Buyer will be processed in full compliance with the applicable data protection regulations.

8.8 Violations of this section 8 shall entitle the Seller to terminate any existing sale agreement at any time without notice.

9. APPLICABLE LAW AND JURISDICTION

9.1 The place of performance for the delivery together with any subsequent performance on the part of the Seller is the Seller's registered office.

9.2 Place of jurisdiction is the registered office of the Seller. The Seller is also entitled to take legal action at the Buyer's registered office.

9.3 The legal relations between the Seller and the Buyer shall be governed by Italian law to the exclusion of the U.N. Convention on the International Sale of Goods (CISG).

9.4 The Buyer acknowledges that the CEMBRE Group has adopted a Code of Ethics and an Anti-Corruption Policy and undertakes to comply with the provisions of such documents, available at www.cembre.com, abstaining from any unlawful conducts. Failure to comply with any of the provisions of the Code of Ethics and/or of the Anti-Corruption Policy will result in a serious breach of contractual obligations and will entitle CEMBRE to terminate the contract with immediate effect, without prejudice to compensation for damages.

10. FORCE MAJEURE AND HARDSHIP

10.1 No failure, omission or delay of the Seller in the performance of any obligation shall be deemed a breach of the agreement nor create any liability hereunder, if the failure, omission or delay shall arise from acts of God, laws, rules, regulations or orders of any governmental authority, floods, fires, explosions, storms, earthquakes, acts of war (declared or undeclared), rebellion, insurrections, riot, sabotage, shortages of fuel, power, energy resources, and/or raw material, invasion, epidemic, quarantine, accident, strikes, lockouts, labor disputes, or any other comparable cause beyond the reasonable control of the Seller.

10.2 If, during the term of the contract, events occur which have not been contemplated by the Parties and which fundamentally alter the equilibrium of the contract, thereby placing an excessive burden on the Seller in the performance of its contractual obligations (hardship), the Seller shall have the power to make any revision to the contract that it finds just and equitable in the circumstances, or to terminate the contract at a date and on terms to be fixed.

the CEMBRE group

CEMBRE SpA - Italy

CEMBRE Ltd - UK

CEMBRE Sarl - France

CEMBRE España SLU - Spain

CEMBRE GmbH - Germany

CEMBRE BV - Eindhoven, Holland

CEMBRE Inc - USA

CEMBRE Co. Ltd. - Shanghai, China

Making the right connections

CEMBRE products are intended for professional users (B2B). The applicability of consumer protection regulations, including those related to warranty, is expressly excluded. Please refer to the manufacturer's website, www.cembre.com, for any information regarding product terms and conditions of sales and warranty. The sale of CEMBRE products through channels accessible to consumers is expressly prohibited, and vendors who contravene this prohibition will assume all civil and criminal liability towards third parties and the competent authorities.

Edited by CEMBRE SpA - TIBER Group Press (BS), January 2025

Code 6263064

25V010W

8 051316 098993

CEMBRE

LRQA CERTIFIED
ISO 9001 • ISO 14001
ISO 45001

CONTACT US

FOLLOW US

CEMBRE S.p.A.
via Serenissima, 9
25135 Brescia
Italy
Ph +39 030 36921
ufficio.vendite@cembre.com
sales@cembre.com

CEMBRE Ltd.
Dunton Park,
Kingsbury Road,
Curdworth,
Sutton Coldfield,
West Midlands, B76 9EB
United Kingdom
Ph +44 01675 470440
sales@cembre.co.uk

CEMBRE S.a.r.l.
129 rue Servient
69003 Lyon
France
Ph +33 04 20 93 01 70
info@cembre.fr

CEMBRE España S.L.U.
Calle Verano 6 y 8
Pl Las Monjas
28850 Torrejón de Ardoz
Madrid - Spain
Ph +34 91 4852580
comercial@cembre.es

CEMBRE GmbH
Geschäftsbereich
Energie- und Bahntechnik
Heidemannstr. 166
80939 München - Germany
Ph + 49 89-3580676
info@cembre.de

Geschäftsbereich
Industrie und Handel
Boschstraße 7
71384 Weinstadt - Germany
Ph +49 7151-20536-60
info-w@cembre.de

CEMBRE B.V.
Luchthavenweg 53
5657EA Eindhoven
The Netherlands
info@cembre.nl

CEMBRE Inc.
Raritan Center Business Park
300 Columbus Circle-S.F.
Edison, NJ 08837 USA
Ph +1 (732) 225-7415
sales.us@cembre.com

Midwest Office
1051 Perimeter Dr #470
Schaumburg, IL 60173

Cembre Electrical Connections Shanghai Ltd.
Room 2201,
Jin Hang Mansion, NO.83
Wan Hang Du Road,
Jing An District,
Shanghai
info@cembre.cn
sales@cembre.cn