

Spring clamp terminal blocks

- available in grey RAL 7042 colour only



For high harness volumes, CABUR offers its own range of spring-clamp terminal blocks suitable for cables from 0.2 to 10 mm² and reduced current intensity values.

In order to protect the clamping system, a special stop is provided in the insulating body; this has the function of ensuring the spring does not go over its elastic range, in case of handling carried out by unskilled workforce.

The appropriate sizing of the wire insertion hole, fully in compliance with the requirements given by IEC 60947-1 Standard concerning the gauge, guarantees the insertion of any type of conductor having the rated cross-section, also with a ferrule. The resulting connection, with respect to the technology adopted, is of the maximum reliability and safety under both the aspects of the quality of the materials and for the particular conformation of the components; in this way the damaging of unprepared flexible conductors is avoided.

The insertion of the wire is vertical; this means further time and costs savings, especially where space is limited, but where guaranteed high-density connections are required.

For the commoning of different elements, a practical and safe cross-connection system is available.

The terminals with rated cross sections between 1.5 mm and 4 mm² can be connected one with another in the most various ways thanks to our exclusive “Easy Bridge” (PTC) connection system, with quick coupling, which combines efficiency, rapidity and flexibility and ensures at the same time an extraordinary economic result; these characteristics, **together with an IPXXB intrinsic installation, without the need of further insulation protections** (for cables, terminals and cross-connections), guarantee a connectivity which is superior to that offered by competitors.



CNU/8

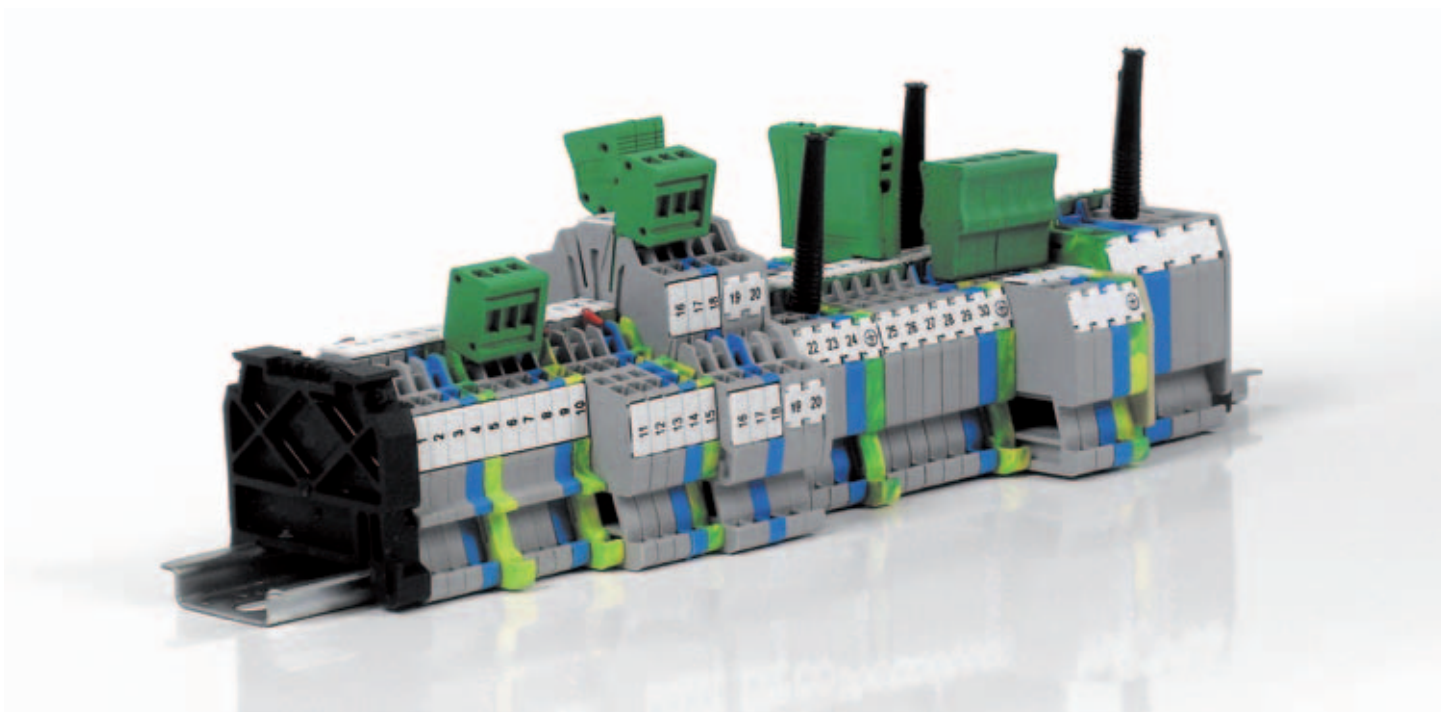


SHZ

Marking systems

Our particular marking system has to be highlighted. The same **SHZ** numbering strip, in fact, can be inserted on both sides of the terminal block or on the appropriate housings provided in the upper part of the terminal block. This means easy identification of every terminal block in the electrical panel.

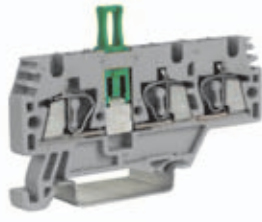
It is possible also to perform the marking also using **CNU/8** tags.



HMM Series

with polyamide insulating body

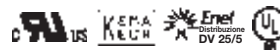
- UL94V-0
- disconnect by lever
- mounting onto PR/3 type rails according to IEC 60715 Std., "TH/35" type
- available in standard (grey RAL 7042 colour) or (Ex)i "intrinsic safety" circuits (blue RAL 5015 colour) versions, where indicated



The **/GR** tag indicates the grey colour version.

grey version	HMM.2/1+2/S/GR Cat. No. HMS20GR	HMM.2/2+2/A/GR Cat. No. HM170GR	HMM.2/2+2/S/GR Cat. No. HMS10GR
(Ex)i version			
TECHNICAL CHARACTERISTICS			
function / type	disconnect, 1 input and 2 outputs	disconnect (open), 2 inputs and 2 outputs	disconnect, 2 inputs and 2 outputs
rated cross-section (mm ²)	2,5	2,5	2,5
connecting capacity			
flexible (mm ²)	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
rigid (mm ²)	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
max. flexible with ferrule (mm ²)-ferrule type	2,5 - WP25/14	2,5 - WP25/14	2,5 - WP25/14
rated voltage / rated current / gauge conf. to IEC 60947-7-1	400 V / 16 A / A3	400 V / 16 A / A3	400 V / 16 A / A3
rated voltage / rated current / AWG UL	600 V / 20 A / 24-12 AWG	600 V / 20 A / 24-12 AWG	600 V / 20 A / 24-12 AWG
rated impulse withstand voltage / pollution degree	6 KV / 3	6 KV / 3	6 KV / 3
insulation stripping length (mm)	10	10	10
height / width / thickness	48 / 66 / 5,2	37 / 82 / 5,2	48 / 82 / 5,2
height / width / thickness	56 / 66 / 5,2	45 / 82 / 5,2	56 / 82 / 5,2
height / width / thickness	-	-	-

APPROVALS



ACCESSORIES	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections	grey beige blue	HMT.2/1+2/PT/GR HM511GR	HMT.2/2+2/PT/GR HM521GR	HMT.2/2+2/PT/GR HM521GR	HMT.2/2+2/PT/GR HM521GR	HMT.2/2+2/PT/GR HM521GR
Permanent cross connection	-	-	-	-	-	-
Rated current carrying capacity of jumper (A)	-	-	-	-	-	-
Multiple common bar 250 mm	-	-	-	-	-	-
Shunting screw and sleeve	-	-	-	-	-	-
Coloured partition red, green, white	DFH/2 DH02..	DH02..	DFH/3 DH03..	DH03..	DFH/3 DH03..	DH03..
Cross connection barrier red	-	-	-	-	-	-
Test plug socket	-	-	-	-	-	-
Test plug	SDD/1 DD001	DD001	SDD/1 DD001	DD001	SDD/1 DD001	DD001
Modular test plug	SDH/5 DH005	DH005	SDH/5 DH005	DH005	SDH/5 DH005	DH005
End section for modular test plug	SH5/PT DH501	DH501	SH5/PT DH501	DH501	SH5/PT DH501	DH501
Numbering strip	CNU/8/51 NU0851	NU0851	CNU/8/51 NU0851	NU0851	CNU/8/51 NU0851	NU0851
Screwdriver for the activation of the spring	CCH/2,5-4 CCH02	CCH02	CCH/2,5-4 CCH02	CCH02	CCH/2,5-4 CCH02	CCH02
Warning plate on adjacent terminal blocks	-	-	-	-	-	-
Marking tag printed or blank	CNU/8/51 NU0851	NU0851	CNU/8/51 NU0851	NU0851	CNU/8/51 NU0851	NU0851
End bracket	BTU for PR/DIN and PR/3 BT005 BTO BT007 BT/3 for PR/3 only BT003	BT005 BT007 BT003	BTU for PR/DIN and PR/3 BT005 BTO BT/3 for PR/3 only BT003	BT005 BT007 BT003	BTU for PR/DIN and PR/3 BT005 BTO BT/3 for PR/3 only BT003	BT005 BT007 BT003
Mounting rail according to IEC 60715 Std.	PR/3/AC of steel PR003 PR/3/AS same with slots PR005	PR003 PR005	PR/3/AC of steel PR003 PR/3/AS same with slots PR005	PR003 PR005	PR/3/AC of steel PR003 PR/3/AS same with slots PR005	PR003 PR005