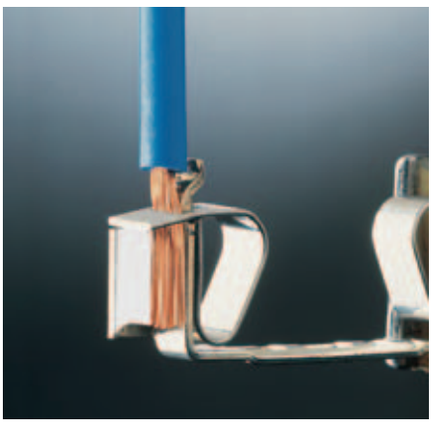
Spring clamp terminal blocks

• available in grey RAL 7042 colour only



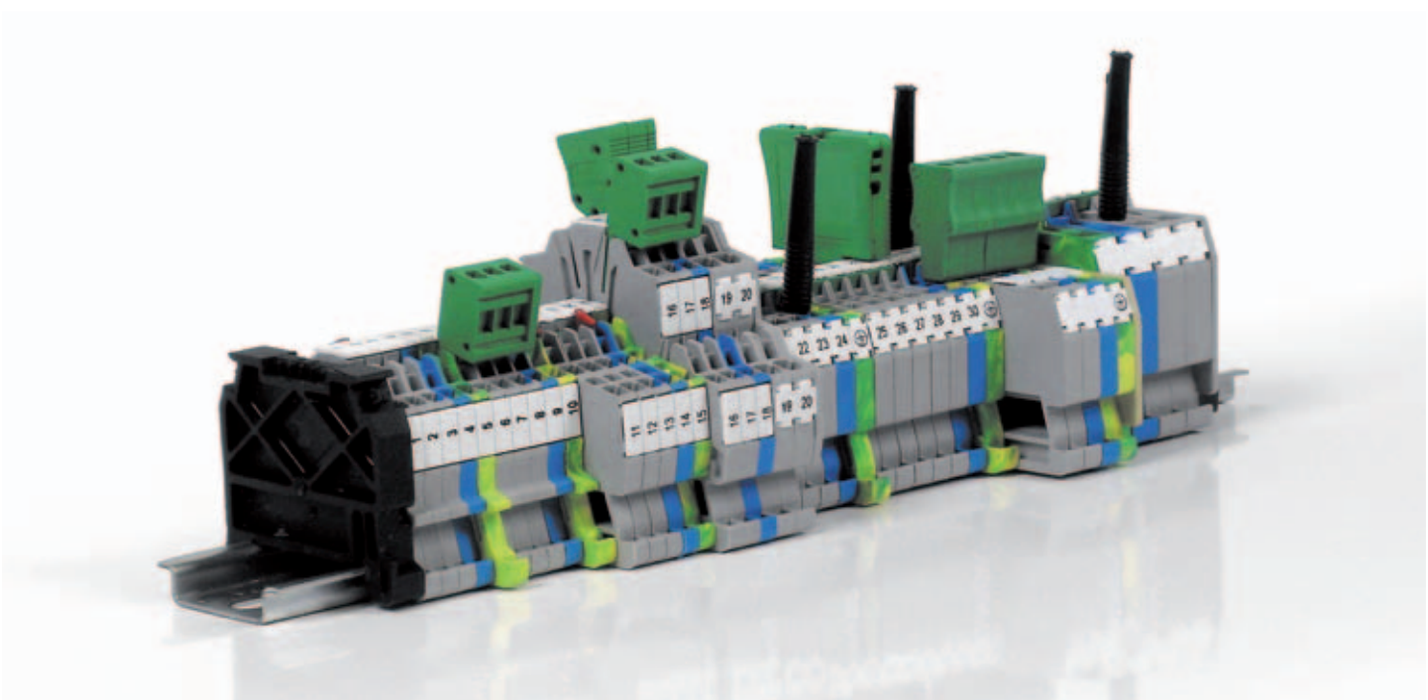
For high harness volumes, CABUR offers its own range of spring-clamp terminal blocks suitable for cables from 0.2 to 10 mm^2 and reduced current intensity values.
In order to protect the clamping system, a special stop is provided in the insulating body; this has the function of ensuring the spring does 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 mm^2 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.

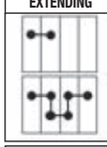


HMM Series

with polyamide insulating body

- UL94V-0
- 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



PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING
					

Insulation voltage in the above configurations (V)					
630	630		320	630	630

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

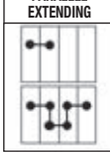
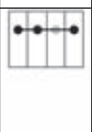
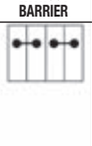
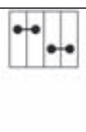
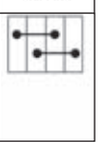
grey version	HMM.1/GR Cat. No. HM400GR	HMM.1/1+2/GR Cat. No. HM410GR	HMM.1/2+2/GR Cat. No. HM420GR
(Ex)i version	**HMM.1 (Ex)i Cat. No. HI400**	**HMM.1/1+2 (Ex)i Cat. No. HI410**	**HMM.1/2+2 (Ex)i Cat. No. HI420**
TECHNICAL CHARACTERISTICS			
function / type	feed-through	feed-through, 1 input and 2 outputs	feed-through, 2 inputs and 2 outputs
rated cross-section (mm²)	1,5	1,5	1,5
connecting capacity			
flexible (mm²)	0,2 ÷ 2,5	0,2 ÷ 2,5	0,2 ÷ 2,5
rigid (mm²)	0,2 ÷ 2,5	0,2 ÷ 2,5	0,2 ÷ 2,5
max. flexible with ferrule (mm²)-ferrule type	1,5 - WP15/14	1,5 - WP15/14	1,5 - WP15/14
rated voltage / rated current / gauge conf. to IEC 60947-7-1	500 V / 17,5 A / B2	500 V / 17,5 A / B2	500 V / 17,5 A / B2
rated voltage / rated current / AWG UL	600 V / 15 A / 26-14 AWG	600 V / 15 A / 26-14 AWG	600 V / 15 A / 26-14 AWG
rated impulse withstand voltage / pollution degree	8 KV / 3	8 KV / 3	8 KV / 3
insulation stripping length (mm)	10	10	10
height / width / thickness TH/35 7,5 mm	43 / 45 / 4,2	43 / 56 / 4,2	43 / 65 / 4,2
height / width / thickness TH/35 15 mm	51 / 45 / 4,2	51 / 56 / 4,2	51 / 65 / 4,2
height / width / thickness G32	-	-	-
APPROVALS	KEMA KEUR, cULus, Enel DV 25/1, UL	KEMA KEUR, cULus, Enel DV 25/1, UL	KEMA KEUR, cULus, Enel DV 25/1, UL

ACCESSORIES		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections	grey	**HMT.1/PT/GR**	HM401GR	**HMT.1/1+2/PT/GR**	HM411GR	**HMT.1/2+2/PT/GR**	HM421GR
	blue	**HMT.1/PT (Ex)i**	HI401	**HMT.1/1+2/PT (Ex)i**	HI411	**HMT.1/2+2/PT (Ex)i**	HI421
Permanent cross connection (intrinsically IPXXB protected once mounted)		**PTC/1/02** poles	PTC0102	**PTC/1/02** poles	PTC0102	**PTC/1/02** poles	PTC0102
		PTC/1/03 poles	PTC0103	**PTC/1/03** poles	PTC0103	**PTC/1/03** poles	PTC0103
		PTC/1/05 poles	PTC0105	**PTC/1/05** poles	PTC0105	**PTC/1/05** poles	PTC0105
		PTC/1/10 poles	PTC0110	**PTC/1/10** poles	PTC0110	**PTC/1/10** poles	PTC0110
		PTC/1/00 (50 poles)	PTC0100	**PTC/1/00** (50 poles)	PTC0100	**PTC/1/00** (50 poles)	PTC0100
Rated current carrying capacity of jumper	(A)	**17,5**		**17,5**		**17,5**	
Cross-connection identification strip (100 mm)	green	**PTC/SP**	PTC0990	**PTC/SP**	PTC0990	**PTC/SP**	PTC0990
Multiple common bar	250 mm	-		-		-	
Shunting screw and sleeve		-		-		-	
Coloured partition	red, green, white	**DFH/1**	DH01..	**DFH/2**	DH02..	**DFH/3**	DH03..
Cross connection barrier	red	**DFM/500**	DF500	**DFM/500**	DF500	**DFM/500**	DF500
Test plug socket		-		-		-	
Test plug		-		-		-	
Modular test plug		**SDH/4-SDH/4P**	DH004-DH04P	**SDH/4-SDH/4P**	DH004-DH04P	**SDH/4-SDH/4P**	DH004-DH04P
End section for modular test plug		**SH4/PT**	DH401	**SH4/PT**	DH401	**SH4/PT**	DH401
Numbering strip		**SHZ/1**	SH004	**SHZ/1**	SH004	**SHZ/1**	SH004
Screwdriver for the activation of the spring		**CCH/2,5-4**	CCH02	**CCH/2,5-4**	CCH02	**CCH/2,5-4**	CCH02
Warning plate	on adjacent terminal blocks	-		-		-	
Marking tag	printed or blank	**SHZ/1**	SH004	**SHZ/1**	SH004	**SHZ/1**	SH004
End bracket		**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005
		BTO	BT007	**BTO**	BT007	**BTO**	BT007
		BT/3 for PR/3 only	BT003	**BT/3** for PR/3 only	BT003	**BT/3** for PR/3 only	BT003
Mounting rail according to IEC 60715 Std.		-		-		-	
		PR/3/AC of steel	PR003	**PR/3/AC** of steel	PR003	**PR/3/AC** of steel	PR003
		PR/3/AS same with slots	PR005	**PR/3/AS** same with slots	PR005	**PR/3/AS** same with slots	PR005

HMM Series

with polyamide insulating body

- UL94V-0
- mounting onto PR/3 type rails according to IEC 60715 Std., "TH/35" type
- available in standard (grey RAL 7042 and beige RAL 1001 colours) or (Ex)i "intrinsic safety" circuits (blue RAL 5015 colour) versions

PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING
					

Insulation voltage in the above configurations (V)					
630	630		320	630	630

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

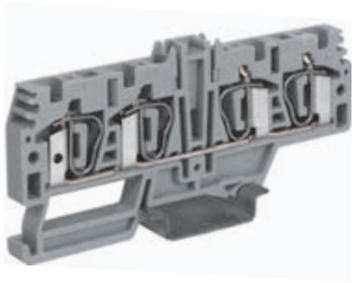
grey version	**HMM.2/GR** Cat. No. **HM500GR**	**HMM.2/1+2/GR** Cat. No. **HM510GR**	**HMM.2/2+2/GR** Cat. No. **HM520GR**
(Ex)i version	**HMM.2 (Ex)i** Cat. No. **HI500**	**HMM.2/1+2 (Ex)i** Cat. No. **HI510**	**HMM.2/2+2 (Ex)i** Cat. No. **HI520**
TECHNICAL CHARACTERISTICS			
function / type	feed-through	feed-through, 1 input and 2 outputs	feed-through, 2 inputs and 2 outputs
rated cross-section (mm²)	2,5	2,5	2,5
connecting capacity			
flexible (mm²)	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
rigid (mm²)	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
max. flexible with ferrule (mm²)-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	800 V / 24 A / A3	800 V / 24 A / A3	800 V / 24 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	8 KV / 3	8 KV / 3	8 KV / 3
insulation stripping length (mm)	10	10	10
height / width / thickness TH/35 7,5 mm	41 / 50 / 5,2	41 / 66 / 5,2	41 / 82 / 5,2
height / width / thickness TH/35 15 mm	49 / 50 / 5,2	49 / 66 / 5,2	49 / 82 / 5,2
height / width / thickness G32	-	-	-
APPROVALS			

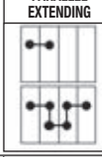
ACCESSORIES		**Type**	**Cat. No.**	**Type**	**Cat. No.**	**Type**	**Cat. No.**
End sections	grey	**HMT.2/PT/GR**	HM501GR	**HMT.2/1+2/PT/GR**	HM511GR	**HMT.2/2+2/PT/GR**	HM521GR
	blue	**HMT.2/PT (Ex)i**	HI501	**HMT.2/1+2/PT (Ex)i**	HI511	**HMT.2/2+2/PT (Ex)i**	HI521
Permanent cross connection (intrinsically IPXXB protected once mounted)		**PTC/03/02** poles	PTC0302	**PTC/03/02** poles	PTC0302	**PTC/03/02** poles	PTC0302
		PTC/03/03 poles	PTC0303	**PTC/03/03** poles	PTC0303	**PTC/03/03** poles	PTC0303
		PTC/03/05 poles	PTC0305	**PTC/03/05** poles	PTC0305	**PTC/03/05** poles	PTC0305
		PTC/03/10 poles	PTC0310	**PTC/03/10** poles	PTC0310	**PTC/03/10** poles	PTC0310
		PTC/03/00 (47 poles)	PTC0300	**PTC/03/00** (47 poles)	PTC0300	**PTC/03/00** (47 poles)	PTC0300
Rated current carrying capacity of jumper (A)		**24**		**24**		**24**	
Cross-connection identification strip (100 mm)	green	**PTC/SP**	PTC0990	**PTC/SP**	PTC0990	**PTC/SP**	PTC0990
Multiple common bar	250 mm	-		-		-	
Shunting screw and sleeve		-		-		-	
Coloured partition	red, green, white	**DFH/1**	DH01..	**DFH/2**	DH02..	**DFH/3**	DH03..
Cross connection barrier	red	-		-		-	
Test plug socket		-		-		-	
Test plug		**SDD/1**	DD001	**SDD/1**	DD001	**SDD/1**	DD001
Modular test plug		**SDH/5**	DH005	**SDH/5**	DH005	**SDH/5**	DH005
End section for modular test plug		**SH5/PT**	DH501	**SH5/PT**	DH501	**SH5/PT**	DH501
Numbering strip		**CNU/8/51**	NU0851	**CNU/8/51**	NU0851	**CNU/8/51**	NU0851
Screwdriver for the activation of the spring		**CCH/2,5-4**	CCH02	**CCH/2,5-4**	CCH02	**CCH/2,5-4**	CCH02
Warning plate	on adjacent terminal blocks	-		-		-	
Marking tag	printed or blank	**CNU/8/51**	NU0851	**CNU/8/51**	NU0851	**CNU/8/51**	NU0851
End bracket		**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005
		BTO	BT007	**BTO**	BT007	**BTO**	BT007
		BT/3 for PR/3 only	BT003	**BT/3** for PR/3 only	BT003	**BT/3** for PR/3 only	BT003
Mounting rail according to IEC 60715 Std.		-		-		-	
		PR/3/AC of steel	PR003	**PR/3/AC** of steel	PR003	**PR/3/AC** of steel	PR003
		PR/3/AS same with slots	PR005	**PR/3/AS** same with slots	PR005	**PR/3/AS** same with slots	PR005

HMM Series

with polyamide insulating body

- UL94V-0
- 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) versio



PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING
					

Terminal block	Jumper	Insulation voltage in the above configurations (V)					
HMM.4	PTC/5	500	500		500	500	500

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

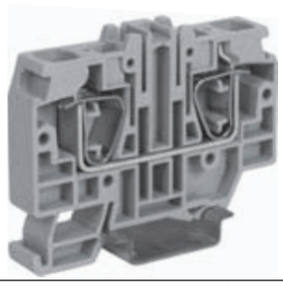
grey version	HMM.4/GR Cat. No. HM250GR	HMM.4/1+2/GR Cat. No. HM210GR	HMM.4/2+2/GR Cat. No. HM220GR
(Ex)i version	**HMM.4 (Ex)i Cat. No. HI250**	**HMM.4/1+2 (Ex)i Cat. No. HI210**	**HMM.4/2+2 (Ex)i Cat. No. HI220**
TECHNICAL CHARACTERISTICS			
function / type	feed-through	feed-through 1 input and 2 outputs	feed-through 2 inputs and 2 outputs
rated cross-section (mm²)	4	4	4
connecting capacity			
flexible (mm²)	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
rigid (mm²)	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
max. flexible with ferrule (mm²)-ferrule type	4 - WP40/16	4 - WP40/16	4 - WP40/16
rated voltage / rated current / gauge conf. to IEC 60947-7-1	800 V / 32 A / A4	800 V / 32 A / A4	800 V / 32 A / A4
rated voltage / rated current / AWG UL	600 V / 30 A / 24-10 AWG	-	-
rated impulse withstand voltage / pollution degree	8 KV / 3	8 KV / 3	8 KV / 3
insulation stripping length (mm)	12	12	12
height / width / thickness ⊔ TH/35 7,5 mm	45 / 58 / 6,2	45 / 78 / 6,2	45 / 98 / 6,2
height / width / thickness ⊔ TH/35 15 mm	52 / 58 / 6,2	52 / 78 / 6,2	52 / 98 / 6,2
height / width / thickness ⊔ G32	-	-	-
APPROVALS	cULus, KEMA KEUR, Enel Distribuzione DV 25/1, UL	cULus, KEMA KEUR, Terna LV 27/1, Enel Distribuzione DV 25/1	cULus, KEMA KEUR, Terna LV 27/1, Enel Distribuzione DV 25/1

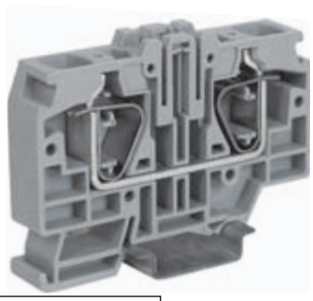
ACCESSORIES	Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections grey / blue	**HMT.4/PT/GR** / **HMT.4/PT (Ex)i**	HM251GR / HI251	**HMT.4/1+2/PT/GR** / **HMT.4/1+2/PT (Ex)i**	HM211GR / HI211	**HMT.4/2+2/PT/GR** / **HMT.4/2+2/PT (Ex)i**	HM221GR / HI221
Permanent cross connection (intrinsically IPXXB protected once mounted)	**PTC/5/02** poles	PTC0502	**PTC/5/02** poles	PTC0502	**PTC/5/02** poles	PTC0502
	PTC/5/03 poles	PTC0503	**PTC/5/03** poles	PTC0503	**PTC/5/03** poles	PTC0503
	PTC/5/05 poles	PTC0505	**PTC/5/05** poles	PTC0505	**PTC/5/05** poles	PTC0505
	PTC/5/10 poles	PTC0510	**PTC/5/10** poles	PTC0510	**PTC/5/10** poles	PTC0510
	PTC/5/00 (40 poles)	PTC0500	**PTC/5/00** (40 poles)	PTC0500	**PTC/5/00** (40 poles)	PTC0500
Rated current carrying capacity of jumper (A)	**32**		**32**		**32**	
Cross-connection identification strip (100 mm) green	**PTC/SP**	PTC0990	**PTC/SP**	PTC0990	**PTC/SP**	PTC0990
Multiple common bar 250 mm	-		-		-	
Shunting screw and sleeve	-		-		-	
Coloured partition red, green, white	**DFH/1**	DH01..	**DFH/4**	DH04..	**DFH/4**	DH04..
Cross connection barrier red	-		-		-	
Test plug socket	-		-		-	
Test plug	**SDD/1**	DD001	**SDD/1**	DD001	**SDD/1**	DD001
Modular test plug	**SDH/6**	DH006	**SDH/6**	DH006	**SDH/6**	DH006
End section for modular test plug	**SH6/PT**	DH601	**SH6/PT**	DH601	**SH6/PT**	DH601
Numbering strip	**CNU/8/61**	NU0861	**CNU/8/61**	NU0861	**CNU/8/61**	NU0861
Screwdriver for the activation of the spring	**CCH/2,5-4**	CCH02	**CCH/2,5-4**	CCH02	**CCH/2,5-4**	CCH02
Warning plate on adjacent terminal blocks	-		-		-	
Marking tag printed or blank	**CNU/8/61**	NU0861	**CNU/8/61**	NU0861	**CNU/8/61**	NU0861
End bracket	**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005
	BTO	BT007	**BTO**	BT007	**BTO**	BT007
	BT/3 for PR/3 only	BT003	**BT/3** for PR/3 only	BT003	**BT/3** for PR/3 only	BT003
Mounting rail according to IEC 60715 Std. ⊔	-		-		-	
⊔	**PR/3/AC** of steel	PR003	**PR/3/AC** of steel	PR003	**PR/3/AC** of steel	PR003
	PR/3/AS same with slots	PR005	**PR/3/AS** same with slots	PR005	**PR/3/AS** same with slots	PR005

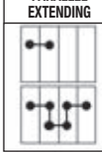
HMM Series

with polyamide insulating body

- UL94V-0
- 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) versio





PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING
					

Morsetto	Ponte	Insulation voltage in the above configurations (V) acc. to IEC 60947-7-1					
HMM.6	PTC/8	500	500		500	500	500
HMM.10 (HMM.16)	PTC/11 (/16)	1000	1000		800	1000	800

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

	HMM.6/GR Cat. No. HM320GR	HMM.10/GR Cat. No. HM330GR	HMM.16/GR Cat. No. HM340GR
grey version			
(Ex)i version	**HMM.6 (Ex)i Cat. No. HI320**	**HMM.10 (Ex)i Cat. No. HI330**	**HMM.16 (Ex)i Cat. No. HI340**
TECHNICAL CHARACTERISTICS			
function / type	feed-through	feed-through	feed-through
rated cross-section (mm²)	6	10	16
connecting capacity			
flexible (mm²)	0,2 ÷ 10	1,5 ÷ 16	1,5 ÷ 25
rigid (mm²)	0,2 ÷ 10	1,5 ÷ 16	1,5 ÷ 25
max. flexible with ferrule (mm²)-ferrule type	6 - WP60/20	10 - WP100/21	16 - WP160/22
rated voltage / rated current / gauge conf. to IEC 60947-7-1	800 V / 41 A / A5	1000 V / 57 A / A6	1000 V / 76 A / A7
rated voltage / rated current / AWG UL	600 V / 41 A / 24-8 AWG	-	-
rated impulse withstand voltage / pollution degree	8 KV / 3	12 KV / 3	12 KV / 3
insulation stripping length (mm)	13	13	13
height / width / thickness TH/35 7,5 mm	44 / 62 / 8,2	53 / 71 / 10	56 / 80 / 12
height / width / thickness TH/35 15 mm	52 / 62 / 8,2	61 / 71 / 10	64 / 80 / 12
height / width / thickness G32	-	-	-
APPROVALS		UL, cUL, ENEL Distribuzione pending	UL, cUL, ENEL Distribuzione pending

ACCESSORIES		Type	Cat. No.	Type	Cat. No.	Type	Cat. No.
End sections	grey	**HMT.6/PT/GR**	HM321GR	**HMT.10/PT/GR**	HM331GR	**HMT.16/PT/GR**	HM341GR
	blue	**HMT.6/PT (Ex)i**	HI321	**HMT.10/PT (Ex)i**	HI331	**HMT.16/PT (Ex)i**	HI341
Permanent cross connection (intrinsically IPXXB protected once mounted)		**PTC/8/02** poles	PTC0802	**PTC/11/02** poles	PTC1102	**PTC/16/02** poles	PTC1602
		PTC/8/03 poles	PTC0803	**PTC/11/03** poles	PTC1103	**PTC/16/03** poles	PTC1603
		PTC/8/05 poles	PTC0805	**PTC/11/05** poles	PTC1105	**PTC/16/05** poles	PTC1605
		PTC/8/10 poles	PTC0810	**PTC/11/10** poles	PTC1110	**PTC/16/10** poles	PTC1610
		PTC/8/00 (30 poles)	PTC0800	**PTC/11/00** (25 poles)	PTC1100	**PTC/16/00** (20 poles)	PTC1600
Rated current carrying capacity of jumper	(A)	**41**		**57**		**76**	
Cross-connection identification strip (100 mm)	green	**PTC/SP**	PTC0990	-		-	
Multiple common bar	250 mm	-		-		-	
Shunting screw and sleeve		-		-		-	
Coloured partition	red, green, white	**DFH/1**	DH01..	**DFH/4**	DH04..	**DFH/4**	DH04..
Cross connection barrier	red	-		-		-	
Test plug socket		-		-		-	
Test plug		**SDD/1**	DD001	**SDD/1**	DD001	**SDD/1**	DD001
Modular test plug		-		-		-	
End section for modular test plug		-		-		-	
Numbering strip		-		-		-	
Screwdriver for the activation of the spring		**CCH/6**	CCH06	**CCH/6**	CCH06	**CCH/6**	CCH06
Warning plate	on adjacent terminal blocks	-		-		-	
Marking tag	printed or blank	**CNU/8/51**	NU0851	**CNU/8/51** -	NU0851	**CNU/8/51** -	NU0851
End bracket		**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005	**BTU** for PR/DIN and PR/3	BT005
		BTO	BT007	**BTO**	BT007	**BTO**	BT007
		BT/3 for PR/3 only	BT003	**BT/3** for PR/3 only	BT003	**BT/3** for PR/3 only	BT003
Mounting rail according to IEC 60715 Std.		-		-		-	
		PR/3/AC of steel	PR003	**PR/3/AC** of steel	PR003	**PR/3/AC** of steel	PR003
		PR/3/AS same with slots	PR005	**PR/3/AS** same with slots	PR005	**PR/3/AS** same with slots	PR005

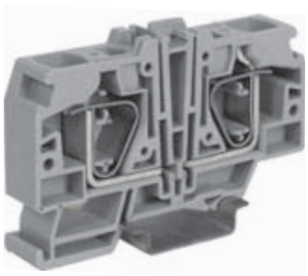
HMM Series

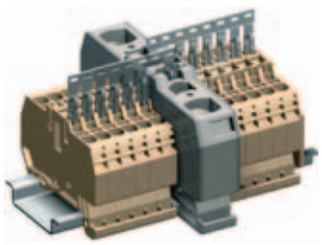
with polyamide insulating body

- UL94V-0
- 16 mm²
- mounting onto PR/3 type rails according to IEC 60715 Std., "TH/35" type
- available in grey RAL 7042 colour
- can be connected with HMM.2/GR, HMM.2/1+2/GR, HMM.2/2+2/GR, HMS.2/GR, HMFA.2/GR, HMM.4/GR, HMM.4/1+2/GR, HMM.4/2+2/GR, HMM.6/GR

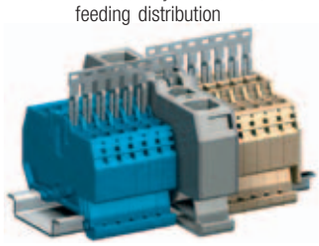
(*) value referred to the terminal and not to the potential distributor

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

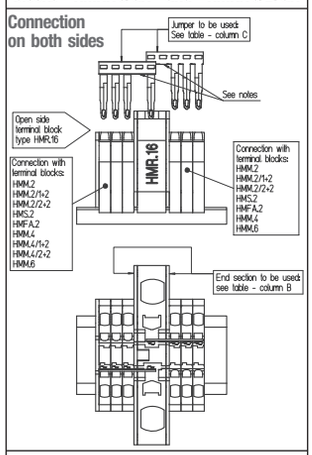


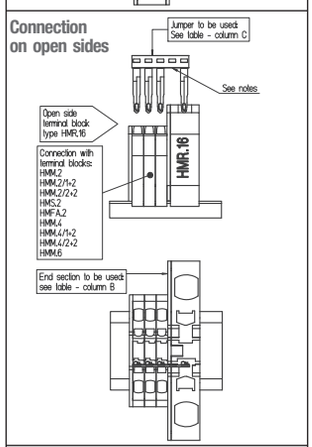


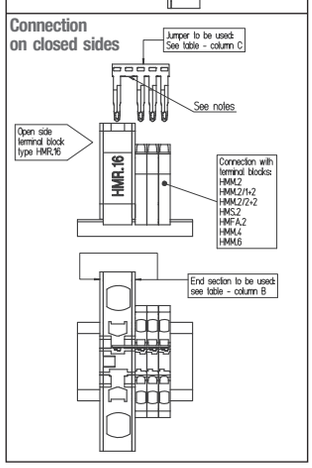
Terminal assembly with double feeding distribution



Connection scheme - distribution terminal blocks HMR.16/GR and HMR.16/D/GR







single power supply version	HMR.16/GR Cat. No. HM350GR
double supply version	**HMR.16/D/GR Cat. No. HM360GR**

TECHNICAL CHARACTERISTICS

function / type		potential distributor
rated cross-section	(mm²)	16
connecting capacity		
flexible	(mm²)	1,5 ÷ 25
rigid	(mm²)	1,5 ÷ 25
max. flexible with ferrule (mm²)-ferrule type		16 - WP160/22
rated voltage / rated current / gauge	conf. to IEC 60947-7-1	800 V / 76 A (*) / A7
rated voltage / rated current / AWG	UL	-
rated impulse withstand voltage / pollution degree		12 KV / 3
insulation stripping length	(mm)	18
height / width / thickness	TH/35 7,5 mm	50 / 80 / 12,8
height / width / thickness	TH/35 15 mm	57 / 80 / 12,8
height / width / thickness	G32	-

APPROVALS

ENEL Distribuzione in corso

ACCESSORIES

		Type	Cat. No.
End sections	grey	see table	
Permanent cross connection		see table	
Rated current carrying capacity of jumper	(A)	see table	
Cross-connection identification strip (100 mm)	green	-	
Multiple common bar	250 mm	-	
Shunting screw and sleeve		-	
Coloured partition	red	**DFH/4**	DH04R
Cross connection barrier	red	-	
Test plug socket		-	
Test plug		**SDD/1**	DD001
Numbering strip		-	
Screwdriver for the activation of the spring		**CCH/6**	CCH06
Warning plate	on adjacent terminal blocks	-	
Marking tag	printed or blank	**CNU/8/51**	NU0851
End bracket		-	
		BTU for PR/DIN and PR/3	BT005
		BTO	BT007
		BT/3 for PR/3 only	BT003
Mounting rail according to IEC 60715 Std.		-	
		PR/3/AC of steel	PR003
		PR/3/AS same with slots	PR005

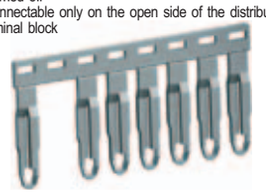
cross-connection currents according to UL approval

Column A	Column B		Column C		
Connection to distribution T.B.	End section to be used		Jumpers that can be used		
Type	Type	Cat. No.	Type	Cat. No.	Current
HMM.2 HMM.2/1+2 HMM.2/2+2 HMS.2 HMFA.2	HMR.16-2/PT/GR	HM352GR	PTC/03/03 poles PTC/03/05 poles PTC/03/10 poles PTC/03/00 (47 poles)	PTC0303 PTC0305 PTC0310 PTC0300	15 A

Column A	Column B		Column C		
Connection to distribution T.B.	End section to be used		Jumpers that can be used		
Type	Type	Cat. No.	Type	Cat. No.	Current
HMM.4 * HMM.4/1+2 * HMM.4/2+2	HMR.16-4/PT/GR	HM354GR	PTC/05/03 poles PTC/05/05 poles PTC/05/10 poles PTC/05/00 (40 poles)	PTC0503 PTC0505 PTC0510 PTC0500	20 A

Column A	Column B		Column C		
Connection to distribution T.B.	End section to be used		Jumpers that can be used		
Type	Type	Cat. No.	Type	Cat. No.	Current
HMM.6	HMR.16-6/PT/GR	HM356GR	PTC/08/03 poles PTC/08/05 poles PTC/08/10 poles PTC/08/00 (30 poles)	PTC0803 PTC0805 PTC0810 PTC0800	30 A

NOTES:
The number of poles to be used shall be equal to the number of terminal blocks to be connected, including the distribution terminal block + 1
To allow the connection to the distribution terminal block the second pin of the PTC jumper shall be trimmed off
*Connectable only on the open side of the distribution terminal block



Terminal block connected to supply terminal	End sections		Permanent cross connection (**)		
	Type	Cat. No.	Type	Cat. No.	Total capacity
HMM.2/GR **HMM.2/1+2/GR** **HMM.2/2+2/GR** **HMS.2/GR** **HMFA.2/GR**	HMR.16-2/PT/GR	HM352GR	PTC/03/03 poles PTC/03/05 poles PTC/03/10 poles PTC/03/00 (47 poles)	PTC0303 PTC0305 PTC0310 PTC0300	24 A
HMM.4/GR **HMM.4/1+2/GR** **HMM.4/2+2/GR**	HMR.16-4/PT/GR	HM354GR	PTC/05/03 poles PTC/05/05 poles PTC/05/10 poles PTC/05/00 (40 poles)	PTC0503 PTC0505 PTC0510 PTC0500	32 A
HMM.6/GR	HMR.16-6/PT/GR	HM356GR	PTC/08/03 poles PTC/08/05 poles PTC/08/10 poles PTC/08/00 (30 poles)	PTC0803 PTC0805 PTC0810 PTC0800	41 A

(**) In order to enable the connection to the supply terminal the second pin must be always removed from the strip of the PTC jumper.

The number of poles of the PTC jumper must be equal to to the number of terminal blocks to be cross-connected plus 1