Double Circuit Terminal Blocks for Power Distribution Applications

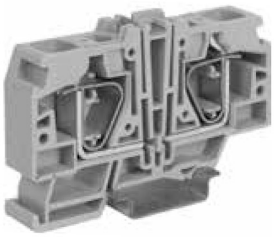
Your Source for Automation Components

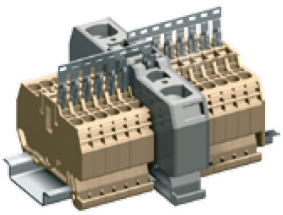
H Series
potential distributor terminal blocks

- UL94V-0
- 16 mm²
- mounting onto PR/3 type rails according to IEC 60715 standard, TH/35 type
- available in the standard version (grey)
- connectable with the terminal blocks: HMM.2/GR, HMM.2/1+2/GR, HMM.2/2+2/GR, HMS.2/GR, HMFA.2/GR, HMM.4/GR, HMM.4/1+2/GR, HMM.4/2+2/GR, HMM.6/GR
- maximum operating temperature 100°C

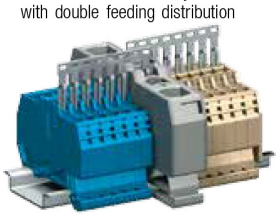
(*) value referred to the terminal and not to the potential distributor

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



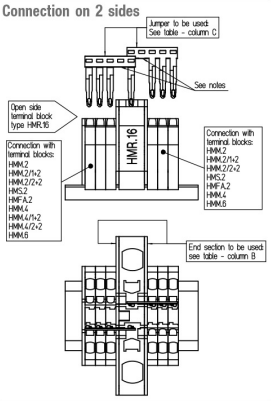


Terminal assembly with double feeding distribution

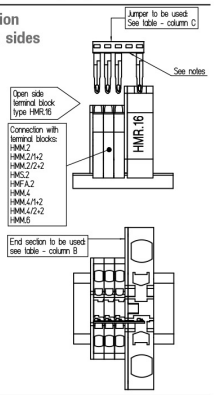


Connection diagram distributor terminal blocks HMR.16/GR a HMR.16/D/GR

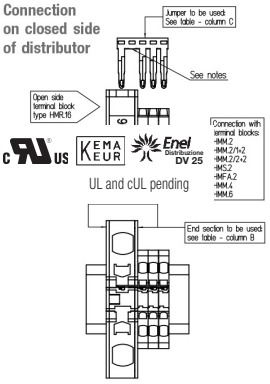
Connection on 2 sides



Connection on open sides



Connection on closed side of distributor



UL and cUL pending

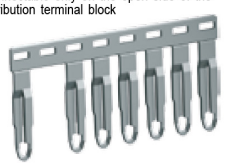
Cross-connection currents according to UL approval

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 +1To 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 the distributor	End section		Permanent cross connection (**)		
	ID number	Code	ID number	Code	Total current carrying 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

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	600 V / 18-4 AWG/ (***)
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

KEMA KEUR, cULus, Enel Distribution DV 25/1

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, green, white	**DFH/4**	DH04..
Cross connection barrier	red	-	
Test plug socket		-	
Test plug		**SDD/1**	DD001
Numbering strip		-	
Screwdriver for 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

★ "Easy Bridge" (PTC) coupling cross connection system (intrinsically IPXXB when mounted)
Available also in coloured version (PTP)