

H Series

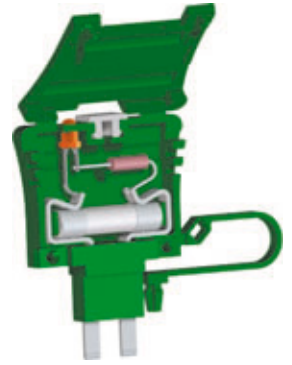
with polyamide insulating body

- for blade fuse (acc. to DIN 72581/3F – ISO 8820) and Ø 5 x 20 mm fuses (fuses supplied separately)
- with possibility of cross connection
- 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



Please refer to the table on page 136 in order to determine the insulation voltage of the different PTC connection diagrams

(*) value referred to the insulation characteristics of the terminal block



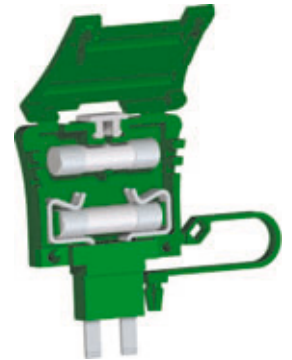
The **/GR** tag indicates the grey colour version.

Max. dissipated power – In conf. with IEC 60947-7-3						
Terminal block	Voltage [V] (*)	Current [A]	Protection against overload and short circuit		Only protection against short circuit	
			Single configuration (PV) - [W]	Composite configuration (PV) - [W]	Single configuration (PV) - [W]	Composite configuration (PV) - [W]
MPFA.4 + CPF/5	250	6,3	1,6	1,6	4	1,6
DSFA.4 + CPF/5	250	6,3	1,6	1,6	4	1,6
HMFA.2 + CPF/5	250	6,3	1,6	1,6	4	1,6

grey version	
TECHNICAL CHARACTERISTICS	
function / type	
rated cross-section (mm ²)	
connecting capacity	
flexible (mm ²)	
rigid (mm ²)	
max. flexible with ferrule (mm ²)-ferrule type	
rated voltage / rated current / gauge conf. to IEC 60947-7-1	
rated voltage / rated current / AWG	UL
(Ex e) rated voltage / (V)	
rated impulse withstand voltage / pollution degree	
insulation stripping length (mm)	
tightening torque value (test / max) (Nm)	
height / width / thickness TH/35 7,5 mm	
height / width / thickness TH/35 15 mm	
height / width / thickness G32	

HMFA.2/GR	
Cat. No.	HF300GR
function / type	for blade fuse and component-holder cartridge
rated cross-section (mm ²)	2,5
connecting capacity	
flexible (mm ²)	0,2 ÷ 4
rigid (mm ²)	0,2 ÷ 4
max. flexible with ferrule (mm ²)-ferrule type	2,5 - WP25/14
rated voltage / rated current / gauge conf. to IEC 60947-7-1	400 V (*) / 6,3 A / A3
rated voltage / rated current / AWG	-
(Ex e) rated voltage / (V)	-
rated impulse withstand voltage / pollution degree	4 kV (*) / 3
insulation stripping length (mm)	11
tightening torque value (test / max) (Nm)	-
height / width / thickness TH/35 7,5 mm	41 / 66 / 5,2
height / width / thickness TH/35 15 mm	49 / 66 / 5,2
height / width / thickness G32	- / - / -

CPF/5	
Cat. No.	CPF05
function / type	component-holder cartridge
rated cross-section (mm ²)	-
connecting capacity	-
flexible (mm ²)	-
rigid (mm ²)	-
max. flexible with ferrule (mm ²)-ferrule type	-
rated voltage / rated current / gauge conf. to IEC 60947-7-1	320 V (a) / 6,3 A (a) / A5
rated voltage / rated current / AWG	-
(Ex e) rated voltage / (V)	-
rated impulse withstand voltage / pollution degree	4 kV / 3
insulation stripping length (mm)	-
tightening torque value (test / max) (Nm)	-
height / width / thickness TH/35 7,5 mm	(b) / 33 / 6
height / width / thickness TH/35 15 mm	(b) / 33 / 6
height / width / thickness G32	(b) / 33 / 6



The cartridge can contain a spare fuse, instead of the LED signalling circuit.

APPROVALS



ACCESSORIES	
End sections	grey beige blue
Permanent cross connection (intrinsically IPXXB protected once mounted)	
Rated current carrying capacity of jumper (A)	
Increased pitch jumper	
Multiple common bar	250 mm
Shunting screw and sleeve	
Coloured partition	red, green, white
Cross connection barrier	red
Test plug socket	
Test plug	
Modular test plug	
End section for modular test plug	
Blade fuses	In = 2 A acc. to DIN 72581/3F ISO 8820 In = 5 A - max voltage 32 V In = 7,5 A In = 15 A
Signal element	
Numbering strip	
Screwdriver for the activation of the spring	
Marking tag	printed or blank
End bracket	
Mounting rail according to IEC 60715 Std.	

Type	Cat. No.
HMT.2/1+2/PT/GR	HM511GR
-	-
PTC/03/02 poles	PTC0302
PTC/03/03 poles	PTC0303
PTC/03/05 poles	PTC0305
PTC/03/10 poles	PTC0310
PTC/03/00 (47 poles)	PTC0300
24	-
-	-
DFH/2	DH02..
-	-
SDD/1	DD001
SDH/5	DH005
SH5/PT	DH501
F32/2	FN03202
F32/5	FN03205
F32/7	FN03207
F32/15	FN03215
-	-
CNU/8/51	NU0851
CCH/2,5-4	CCH02
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BTO	BT007
BT/3 for PR/3 only	BT003
-	-
PR/3/AC of steel	PRO03
PR/3/AS same with slots	PRO05

ACCESSORIES		Type	Cat. No.
Marking tag	printed or blank	CNU/8/51	NU0851
Tinned brass conductor	Ø 5 x 20 mm	CO/5	VL103
Cartridge / insert with 1 A diode		SFR/11A (with 1 A diode)	SF992
Cartridge / insert with 3 A diode		SFR/13A (with 3 A diode)	SF993

OUTFITTED VERSIONS		Type	Cat. No.
With non-polarized LED microcircuit	12 Vdc / Vac	CPF/5L12	CPF512
With non-polarized LED microcircuit	24 Vdc / Vac	CPF/5L24	CPF524
With non-polarized LED microcircuit	48 Vdc / Vac	CPF/5L48	CPF548
With non-polarized LED microcircuit	115 Vdc / Vac	CPF/5L115	CPF511
With non-polarized LED microcircuit	230 Vdc / Vac	CPF/5L230	CPF523
With 1 A diode (1N4001 ÷ 1N4007 types)		CPF/5D1A	CPF501
With 3 A diode (BY255 type)		CPF/5D3A	CPF503
With resistor 1200 Ω (1 W ± 5%)		CPF/5R	CPR05

When the cartridge is mounted on HMFA 2 terminals, adjoining one another, a terminal strip must be envisaged between one terminal and the next, because of the pitch differential between terminal and cartridge.

Note:

- (a) with fuse Ø 5 x 20 mm, 250 V, I_{max} = 6,3 A – with brass pin I_{max} = 10 A
- (b) total value, when the cartridge is mounted on terminals, including the mounting rail