Component-holder cartridge

with UL94V-0 polyamide insulating body

- to be mounted on MPFA.4, DSFA.4 and HMFA.2 (see page 84)
- a fuse Ø 5 x 20 mm can be inserted (our type F5, with or without signalling LED, diode (1 or 3 A), brass pin Ø 5 x 20 mm and other components (e.g. resistors)

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

standard version	CPF/5 Cat. No. CPF05
TECHNICAL CHARACTERISTICS	
function / type	component-holder cartridge
rated cross-section (mm²)	-
connecting capacity	
flexible (mm²)	-
rigid (mm²)	-
max. flexible with ferrule (mm²)-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 / tightening torque value UL	-
(Ex e) rated voltage ⊏⊐ / ⌐¬ (V)	-
rated impulse withstand voltage / pollution degree	4 KV / 3
insulation stripping length (mm)	-
tightening torque value (test / recommended) (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

Approvals referred to the terminal blocks, on which the cartridge is mounted – see table

ACCESSORIES		Type	Cat. No.
Marking tag	printed or blank	**CNU/8**	NU...
Tinned brass conductor	Ø 5 x 20 mm	**CO/5**	VL103
Cartridge / insert with 1 A diode		**SFR/I1A** (with 1 A diode)	SF992
Cartridge / insert with 3 A diode		**SFR/I3A** (with 3 A diode)	SF993

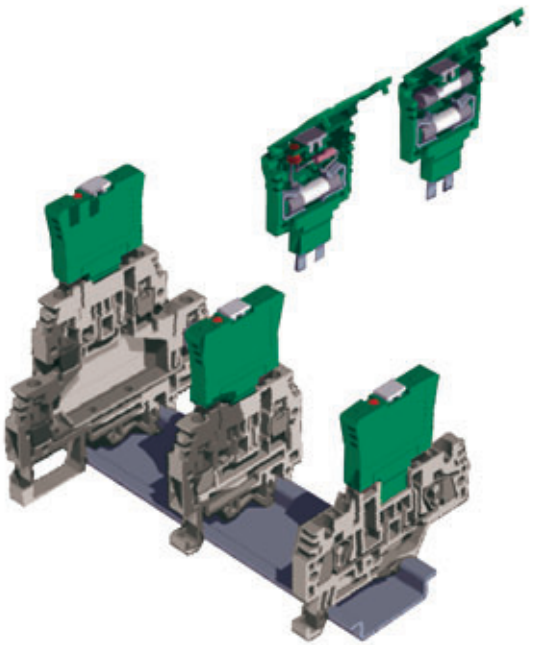
VERSIONI PREDISPOSTE		Type	Cat. No.
With non-polarized LED microcircuit	12 Vdc / Vac	**CPF/5L12**	CPF512
With non-polarized LED microcircuit	24 Vdc / Vac	**CPF/5L24**	CPF524
With non-polarized LED microcircuit	48 Vdc / Vac	**CPF/5L48**	CPF548
With non-polarized LED microcircuit	115 Vdc / Vac	**CPF/5L115**	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

Note:

(a) with fuse ø 5 x 20 mm, 250 V, Imax = 6,3 A – with brass pin Imax = 10 A

(b) total value, when the cartridge is mounted on terminals, considering as well the mounting rail:

Terminal block	Height on rail ⌐¬ TH/35 7,5 (mm)	Height on rail ⌐¬ TH/35 15 (mm)	Height on rail ⊏⊐ G32 (mm)
HMFA.2	57	75	-
MPFA.4	75	83	79
DSFA.4	96	104	100



View of the different choices for mounting the cartridge respectively on terminals DSFA.4, MPFA.4 or HMFA.2.

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.