

# DPF-048DC-16-S

**SPD - for data, signalling and telecommunications lines / I&C / Supply (DP and DMP) - with RFI filter**

Surge protection for small-voltage AC/DC power supply networks with RFI filter  
visual and remote fault signalling

- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of control systems, electronic security and fire systems against impact of transient overvoltage and RF disturbance
- for AC or DC power supply



**Product dimensions**

**Basic circuit diagram**

Parameter name		Parameter value
Type of SPD		T3
VF filter		yes
Mounting		DIN rail 35 mm
Nominal voltage	$U_n$	48 V AC
Maximum operating voltage	$U_c$	60.00 V AC
Maximum operating voltage	$U_c$	60.00 V DC
Nominal load current	$I_L$	16.000 A
Maximum overcurrent protection		16 A gL/gG or C 16 A
Filter attenuation at 1MHz (50 Ω/50 Ω) symmetrical		45 dB
Filter attenuation at 1MHz (50 Ω/50 Ω) unsymmetrical		30 dB
Test voltage L+ - L-		4.0 kV
Test voltage L+(L-)-PE		4.0 kV
voltage protection level L+ - L-		0.42 kV
voltage protection level L+(L-)-PE		0.50 kV
Response time L+ - L-		25 ns

Response time L+(L-)-PE	100 ns
Connection (input - output)	terminals-terminals
Cross-section of connected conductors solid (max)	6.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)	6.00 mm <sup>2</sup>
Fault indication	red indicator
Degree of protection	IP 20
Range of ambient temperatures (min/max)	-40 / 80 °C
Humidity	5 - 95 %
According to standard	EN 61643-11:2012, IEC 61643-11:2011
ETIM Class	EC000942
Customs tariff number	85363010
EAN	8595090566663
Order number	A06666

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