

# 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	$U_n$	48.00 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 1 MHz (50 Ω/50 Ω) symmetrical		45 dB
Filter attenuation at 1 MHz (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	<b>100 ns</b>
Connection (input - output)	<b>terminals-terminals</b>
Cross-section of connected conductors solid (max)	<b>6.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (max)	<b>6.00 mm<sup>2</sup></b>
Fault indication	<b>red indicator</b>
Degree of protection	<b>IP 20</b>
Range of ambient temperatures (min/max)	<b>-40 / 80 °C</b>
Humidity	<b>5 - 95 %</b>
According to standard	<b>EN 61643-11:2012, IEC 61643-11:2011</b>
ETIM Class	<b>EC000942</b>
Customs tariff number	<b>85363010</b>
EAN	<b>8595090566663</b>
Order number	<b>A06666</b>

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