DPF-048DC-16

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

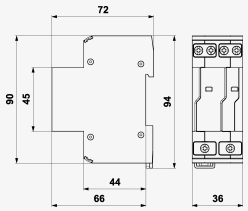
Surge protection for small-voltage AC/DC power supply networks with RFi filter

visual fault singalling

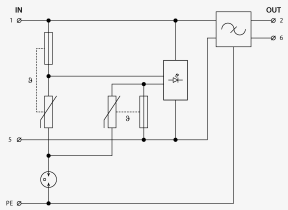
- surge protection with integrated RFi filter
- installation to LV installations, close to protected equipment
- for protection of control systems, electronic security and fire systems against impact of transient overvoltage and RF disturbance
- for AC or DC power supply



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	**100 ns**
Connection (input - output)	**terminals-terminals**
Cross-section of connected conductors solid (max)	**6.00 mm^2**
Cross-section of connected conductors stranded (max)	**6.00 mm^2**
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	**8595090566373**
Order number	**A06637**