DPF-024DC-16

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

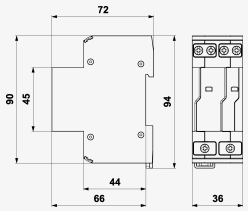
Surge protection for small-voltage AC/DC power supply networks with RFi filter

visual fault singalling

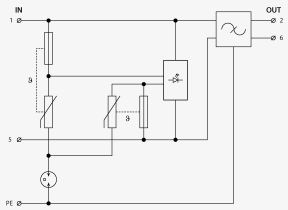
- surge protection with integrated RFi filter
- installation to LV installations, close to protected equipment
- for protection of control systems, electronic security and fire systems against impact of transient overvoltage and RF disturbance
- for AC or DC power supply



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	24.00 V AC
Maximum operating voltage	U_c	34.00 V AC
Maximum operating voltage	U_c	34.00 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-		0.29 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	8595090566366
Order number	A06636