

# DPF-048DC-16

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

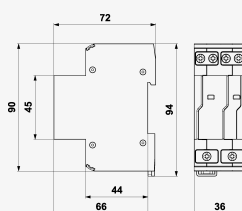
Surge protection for small-voltage AC/DC power supply networks with RFi filter

visual fault signalling

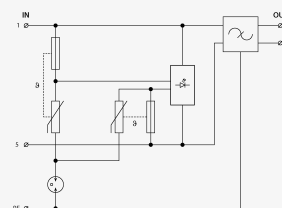
- surge protection with integrated RFi filter
- installation to LV installations, close to protected equipment
- for protection of control systems, electronic security and fire systems against impact of transient overvoltage and RF disturbance
- for AC or DC power supply



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	8595090566373
Order number	A06637

SALTEK s.r.o., Drážďanská 561/85, 400 07 Ústí nad Labem, CZ | +420 475 655 511 | [info@saltek.cz](mailto:info@saltek.cz) | [www.saltek.eu](http://www.saltek.eu)  
 Technická podpora: 800 818 818 | [podpora@saltek.cz](mailto:podpora@saltek.cz)

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