

# DPF-024DC-16

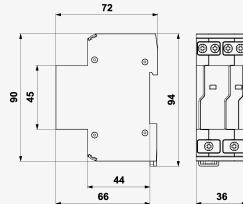
## SPD - for data, signalling and telecommunications lines / I&C / Supply (DP and DMP) - with RFi filter

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

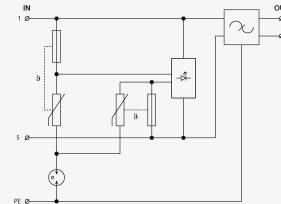
- surge protection with integrated RFi filter
- installation to LV installations, close to protected equipment
- for protection of control systems, electronic security and fire systems against impact of transient overvoltage and RF disturbance
- for AC or DC power supply



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 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 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-	<b>0.29 kV</b>
voltage protection level L+(L-)-PE	<b>0.50 kV</b>
Response time L+ - L-	<b>25 ns</b>
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>8595090566366</b>
Order number	<b>A06636</b>

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