DP-048-25

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

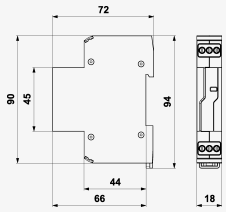
Surge protection for ELV of AC/DC power supply networks

visual fault singalling

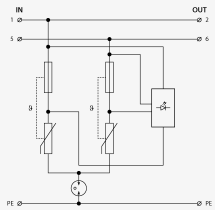
- surge protection for all types of LV electric and electronic equipments against surge voltage
- installation to ELV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T3
Location of SPD		ST 2
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	25.000 A
Maximum overcurrent protection		25 A gL/gG or C 25 A
C2 nominal discharge current (8/20 µs) per core	I_n	2.00 kA
Test voltage L+ - L-		4.0 kV
Test voltage L+(L-)-PE		4.0 kV
voltage protection level L+ - L-		0.38 kV
voltage protection level L+(L-)-PE		0.55 kV
C2 voltage protection level mode core-PE at In	U_p	550.00 V
C2 voltage protection level mode core-core at In	U_p	380.00 V
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	**85363030**
EAN	**8595090560982**
Order number	**A06098**