

DP-012-25

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 signalling

- surge protection for all types of ELV electric and electronic equipments against surge voltage
- installation to LV 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 12.00 V AC
Maximum operating voltage	U_c 20.00 V AC
Maximum operating voltage	U_c 20.00 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 μ s) 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-	0.18 kV
voltage protection level L+(L-)-PE	0.55 kV
C2 voltage protection level mode core-PE at I_n	U_p 550.00 V
C2 voltage protection level mode core-core at I_n	U_p 180.00 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 mm²
Cross-section of connected conductors stranded (max)	6.00 mm²
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	8595090560968
Order number	A06096