DP-048-V/1-F16

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

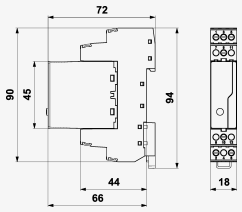
Surge protection for small-voltage AC/DC power supply networks

pluggable module, visual fault signalling, middle conductor separated from protective earth via GDT

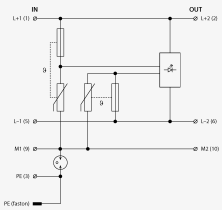
- surge protection for all types of LV electric and electronic equipments against surge voltage
- installation to LV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T3, C2
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	16.000 A
Maximum overcurrent protection		16 A gL/gG or B 16 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
Test voltage M-PE		4.0 kV
voltage protection level L+ - L-		0.37 kV
voltage protection level L+(L-)-PE		0.75 kV
voltage protection level M-PE		0.75 kV

C2 voltage protection level mode core-PE at In		**750.00 V**
C2 voltage protection level mode core-PE at In	U_p	**750.00 V**
C2 voltage protection level mode core-core at In	U_p	**370.00 V**
Response time L+ - L-		**25 ns**
Response time L+(L-)-PE		**100 ns**
Response time M-PE		**100 ns**
Connection (input - output)		**terminals-terminals**
Cross-section of connected conductors solid (min)		**0.14 mm^2**
Cross-section of connected conductors solid (max)		**4.00 mm^2**
Cross-section of connected conductors stranded (min)		**0.14 mm^2**
Cross-section of connected conductors stranded (max)		**2.50 mm^2**
Fault indication		**red indicator**
Degree of protection		**IP 20**
Range of ambient temperatures (min/max)		**-40 / 70 °C**
Humidity		**5 - 95 %**
According to standard		**EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012, EN 61643-11:2012, IEC 61643-11:2011**
ETIM Class		**EC000942**
Plug module		**DP-048-V/1-0**
Customs tariff number		**85363030**
EAN		**8595090556664**
Order number		**A05666**