DP-024-V/1-F16

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

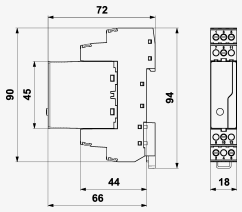
Surge protection for small-voltage AC/DC power supply networks

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

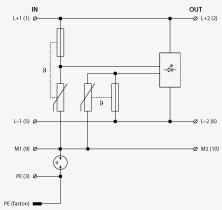
- surge protection for all types of LV electric and electronic equipments against surge voltage
- installation to LV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



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	24.00 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 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-		0.23 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	230.00 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-024-V/1-0
Customs tariff number		85363030
EAN		8595090556657
Order number		A05665