

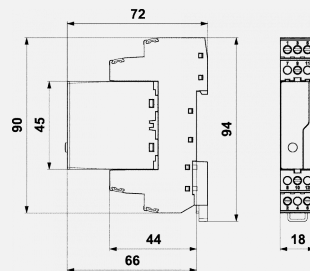
DP-024-V/1-F16

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

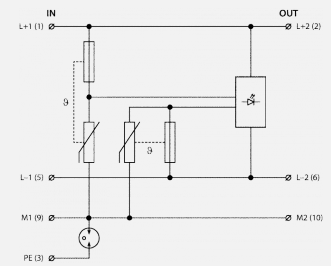
- surge protection for all types of LV electric and electronic equipments against surge voltage
- installation to LV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



Dimension drawing



Basic circuit diagram



Parameter / Type		DP-024-V/1-F16
Type of SPD		T3, C2
Location of SPD		ST 2
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 B 16 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
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 V
C2 voltage protection level mode core-core at In	U_p	230 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
Ordering number	A05665