

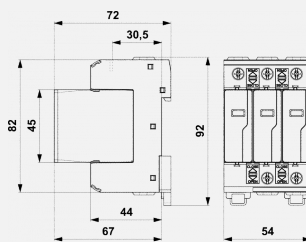
FLP-12,5 V/3

pluggable module, visual fault signalling, module locking

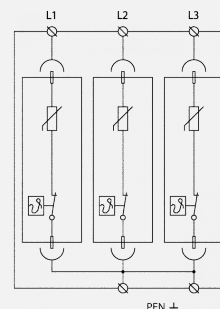
- three-pole varistor lightning current arrester
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, for objects in LPL III and IV
- for protection against impact of partial lightning currents, induced overvoltages during a lightning strike or switching overvoltages



Dimension drawing



Basic circuit diagram



Parameter / Type		FLP-12,5 V/3
Type of SPD		T1,T2
Mounting		DIN rail 35 mm
Nominal voltage	U_n	230 V AC
Maximum operating voltage	U_c	275,00 V AC
Maximum operating voltage	U_c	350,00 V DC
Type of network		TN
Maximum overcurrent protection		160 A gL/gG
Short-circuit current rating	I_{SCCR}	50,0 kA
Total discharge current (10/350 μ s)	$I_{Total(10/350)}$	37,50 kA
Lightning impulse current (10/350 μ s)	I_{imp}	12,50 kA
Nominal discharge current (8/20 μ s)	I_n	30,00 kA
Maximum discharge current (8/20 μ s)	I_{max}	60,00 kA
Voltage protection level	U_p	1,50 kV
Voltage protection level at 5 kA	U_p	0,90 kV
Response time	t_a	25 ns
TOV 5 s L-N		335 V
TOV characteristic (TOV 5 s)		withstand
Cross-section of connected conductors solid (min)		1,00 mm ²
Cross-section of connected conductors solid (max)		35,00 mm ²
Cross-section of connected conductors stranded (min)		1,00 mm ²
Cross-section of connected conductors stranded (max)		25,00 mm ²
Fault indication		red indication field
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		EC001457

Plug module	FLP-12,5 V/0
Customs tariff number	85363090
EAN	8595090534259
Ordering number	A03425