FLP-25-T1-V/2

SPD - for low voltage / SPD type 1 / Combination type - T1 (25 kA)

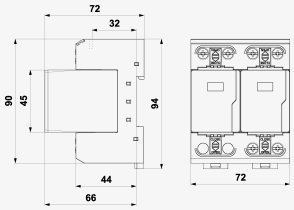
Combined lightning current arrester

pluggable module, visual fault signalling, module locking

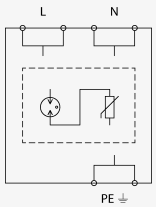
- two-pole high performance lightning current arrester without follow current
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of director or indirect lightning strikes in wide range of applications – houses, office and industrial buildings
- coordination with SPD type 2 (SLP-275 V) even without surge separating inductors, no leakage current



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T1
Mounting		DIN rail 35 mm
Nominal voltage	U_n	230.00 V AC
Maximum operating voltage	U_c	260.00 V AC
Nominal load current for "V" connection	I_L	125 A
Type of network		TN
Maximum overcurrent protection		250 A gL/gG
Maximum overcurrent protection for "V" connection		125 A gL/gG
Short-circuit current rating	I_{SCCR}	50.0 kA
Total discharge current (10/350 µs)	$I_{Total(10/350)}$	50.00 kA
Lightning impulse current (10/350 µs)	I_{imp}	25.00 kA
Voltage protection level	U_p	1.50 kV
Response time	t_a	100 ns

TOV 5 s L-N	335 V
TOV characteristic (TOV 5 s)	withstand
Cross-section of connected conductors solid (min)	2.50 mm^2
Cross-section of connected conductors solid (max)	50.00 mm^2
Cross-section of connected conductors stranded (min)	2.50 mm^2
Cross-section of connected conductors stranded (max)	35.00 mm^2
Fault indication	red indication field
Remote indication	no
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	EC000381
Plug module	FLP-25-T1-V/0
Customs tariff number	85363090
EAN	8595090562597
Order number	A06259