FLP-25-T1-V/4

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

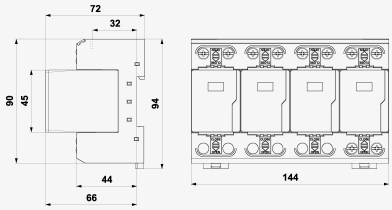
Lightning current arrester for 3-phase TN-S system

pluggable module, visual fault signalling, module locking

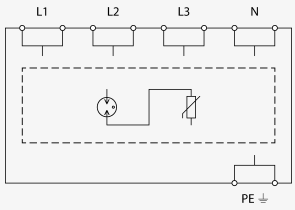
- four-pole high performance lightning current arrester, leakage current-free
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – houses, office and industrial buildings
- coordination with SPD type 2 (SLP-275 V) even without surge separating inductors



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)	$I_{Total(10/350)}$	100.00 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**
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	**8595090553021**
Order number	**A05302**