

# FLP-25-T1-V/1

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

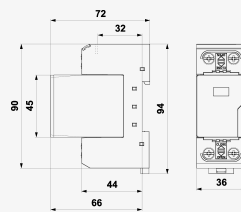
Combined lightning current arrester

pluggable module, visual fault signalling, module locking

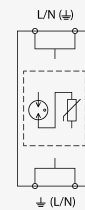
- one-pole high performance lightning current arrester without follow current
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes in wide range of applications – houses, office and industrial buildings
- coordination with SPD type 2 (SLP-275 V) even without surge separating inductors, 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 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 $\mu$ s)	$I_{Total(10/350)}$	25.00 kA
Lightning impulse current (10/350 $\mu$ s)	$I_{imp}$	25.00 kA
Voltage protection level	$U_p$	1.50 kV
Response time	$t_a$	100 ns

TOV 5 s L-N	<b>335 V</b>
TOV characteristic (TOV 5 s)	<b>withstand</b>
Cross-section of connected conductors solid (min)	<b>2.50 mm<sup>2</sup></b>
Cross-section of connected conductors solid (max)	<b>50.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (min)	<b>2.50 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (max)	<b>35.00 mm<sup>2</sup></b>
Fault indication	<b>red indication field</b>
Remote indication	<b>no</b>
Degree of protection	<b>IP 20</b>
Range of ambient temperatures (min/max)	<b>-40 / 80 °C</b>
Humidity	<b>5 - 95 %</b>
According to standard	<b>EN 61643-11:2012, IEC 61643-11:2011</b>
ETIM Class	<b>EC000381</b>
Plug module	<b>FLP-25-T1-V/0</b>
Customs tariff number	<b>85363090</b>
EAN	<b>8595090562634</b>
Order number	<b>A06263</b>