

# FLP-25-T1-VS/3

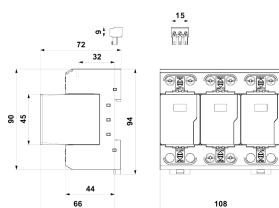
Ordering number 8595090553014

## SPD type 1 - Lightning Current Arrester

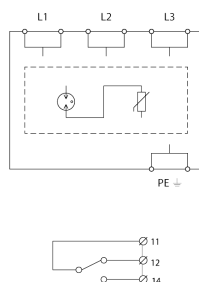
Three-pole high performance lightning current arrester. Installation at the boundary of zones LPZ 0 and LPZ 1 or higher. Protection against impact of direct or indirect lightning strike. Wide range of applications - houses, office and industrial buildings, resp. to sub-distribution boards in large buildings. Remote status signaling (S).



### Dimension drawing



### Basic circuit diagram



### Technical specifications

Type of SPD		T1
Nominal voltage	$U_n$	230 V AC
Maximum operating voltage	$U_c$	260 V AC
Nominal load current for "V" connection	$I_L$	125 A
Lightning impulse current (10/350 $\mu$ s)	$I_{imp}$	25,00 kA
Voltage protection level	$U_p$	1,50 kV
Short-circuit current rating	$I_{SCCR}$	50,0 kA
Maximum overcurrent protection		250 A gL/gG
Maximum overcurrent protection for "V" connection		125 A gL/gG
TOV 5 s L-N		335 V
TOV characteristic (TOV 5 s)		withstand
Cross-section of connected conductors solid (min)		2,50 mm <sup>2</sup>
Cross-section of connected conductors solid (max)		50,00 mm <sup>2</sup>
Cross-section of connected conductors stranded (min)		2,50 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)		35,00 mm <sup>2</sup>
Fault indication		red indication field
Remote indication		potential-free change-over contact
Remote indication contacts		250V/0,5A AC,250V/0,1A DC
Cross-section of remote indication conductors		1,5 mm <sup>2</sup>
Degree of protection		IP 20
Range of operating temperatures - min		-40 °C
Range of operating temperatures - max		80 °C
Mounting		DIN rail 35 mm
According to standard		EN 61643-11:2012, IEC 61643-11:2011
Plug module		FLP-25-T1-V/0
ETIM Class		EC000381