

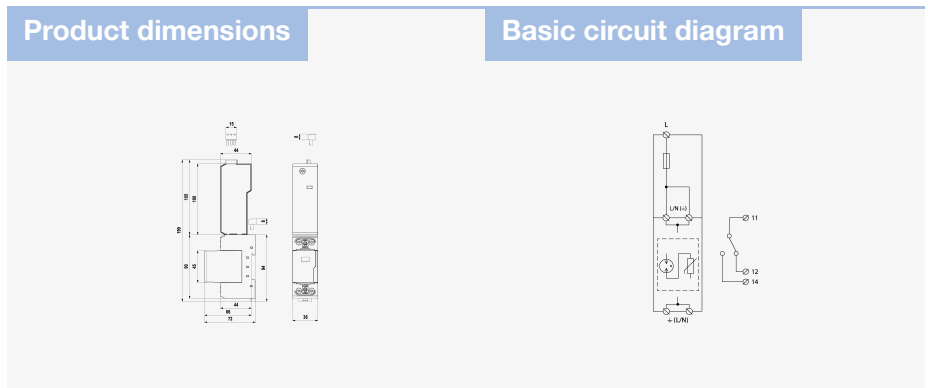
# FLP-25-T1-VSF/1

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

Combined lightning current arrester with integrated backup fuse

pluggable module, visual fault signalling, module locking, remote fault signalling

- 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 – office and industrial buildings
- coordination with SPD Type 2 (SLP-275 V) even without surge separating inductors
- zero leakage current
- with integrated backup fuse



Parameter name	Parameter value
Type of SPD	<b>T1</b>
Mounting	<b>DIN rail 35 mm</b>
Nominal voltage	<b><math>U_n</math> 230.00 V AC</b>
Maximum operating voltage	<b><math>U_c</math> 260.00 V AC</b>
Type of network	<b>TN</b>
Maximum overcurrent protection	<b>-</b>
Short-circuit current rating	<b><math>I_{SCCR}</math> 50.0 kA</b>
Residual current	<b><math>I_{PE}</math> 0.004 mA</b>
Lightning impulse current (10/350 $\mu$ s)	<b><math>I_{imp}</math> 25.00 kA</b>
Voltage protection level	<b><math>U_p</math> 1.50 kV</b>
Response time	<b><math>t_a</math> 100 ns</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)	2.50 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)	35.00 mm <sup>2</sup>
Cross-section of remote indication conductors solid (max)	1.5 mm <sup>2</sup>
Cross-section of remote indication conductors stranded (max)	1.5 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
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	8595090571124
Order number	A07112