

# FLP-A50N VS/NPE

## SPD - for low voltage / SPD type 1 / N-PE

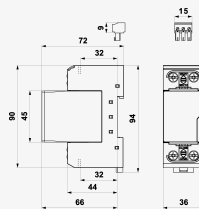
Lightning current arrester between N and PE (for connection 1+1) for TT system

spark gap for N-PE, pluggable module, module locking

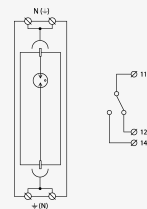
- for connection Type 1 SPD in 1+1 mode
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	T1
Mounting	DIN rail 35 mm
Maximum operating voltage	$U_c$ 255.00 V AC
Nominal load current for "V" connection	$I_L$ 125 A
Type of network	TT
Residual current	$I_{PE}$ 0.004 mA
Nominal discharge current (8/20 $\mu$ s)	$I_n$ 50.00 kA
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$ 100.00 kA
Voltage protection level	$U_p$ 1.50 kV
Ability to independently switch off the following current	$I_{fi}$ 0.1 kA
Response time	$t_a$ 100 ns
TOV 200 ms N-PE	1 200 V
TOV characteristic (TOV 200 ms)	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>
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	remote signalling of N-PE module shows the presence of the replaceable module
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
According to standard	EN 61643-11:2012, IEC 61643-11:2011
ETIM Class	EC000381
Plug module	FLP-A50N V/0
Customs tariff number	85363090
EAN	8595090535737
Order number	A03573