FLP-A100N VS/NPE

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

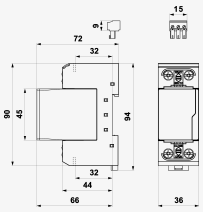
Lightning current arrester between N and PE (for connection 3+1) for TT system

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

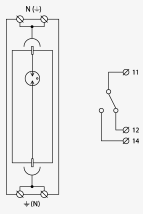
- for connection Type 1 SPD in 3+1 mode
- installation at the boundary of zones LPZ 0 and LPZ 1 or higher, mainly to main distribution boards
- for protection against impact of direct or indirect lightning strikes



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
Nominal discharge current (8/20 µs)	I_n	100.00 kA
Maximum discharge current (8/20 µs)	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^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**
Cross-section of remote indication conductors solid (max)	**1.5 mm^2**
Cross-section of remote indication conductors stranded (max)	**1.5 mm^2**
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-A100N V/0**
Customs tariff number	**85363090**
EAN	**8595090535744**
Order number	**A03574**