

SLP-150-VB/1S

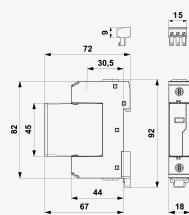
SPD - for low voltage / SPD type 2 / Combination type

Combined type surge arrester for TN and TT systems or signal lines
pluggable module, visual fault signalling, remote fault signalling

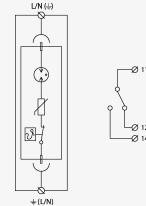
- combined type surge arrester (serial combination varistor+GDT)
- installation to LV installations, especially to sub-distribution boards, suitable also for measuring circuits
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike in areas with higher storm activity or switching overvoltages or as the first stage of protection for measuring circuits
- zero leakage current



Product dimensions



Basic circuit diagram



Parameter name	Parameter value	
Type of SPD	T2	
Mounting	DIN rail 35 mm	
Nominal voltage	U_n	100, 115, 120, 127 V AC
Maximum operating voltage	U_c	150.00 V AC
Maximum operating voltage	U_c	120.00 V DC
Type of network	TT TN	
Maximum overcurrent protection	125 A gL/gG	
Short-circuit current rating	I_{SCCR}	50.0 kA
Residual current	I_{PE}	0.002 mA
Nominal discharge current (8/20 µs)	I_n	20.00 kA
Maximum discharge current (8/20 µs)	I_{max}	40.00 kA

Voltage protection level	U_p	1.20 kV
Response time	t_a	100 ns
TOV 5 s L-N		185 V
TOV characteristic (TOV 5 s)		withstand
TOV 120 min L-N		242 V
TOV characteristic (120 min)		withstand
Cross-section of connected conductors solid (min)		1.00 mm ²
Cross-section of connected conductors solid (max)		35.00 mm ²
Cross-section of connected conductors stranded (min)		1.00 mm ²
Cross-section of connected conductors stranded (max)		25.00 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		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		EC000941
Plug module		SLP-150-VB/0
Customs tariff number		85363030
EAN		8595090570547
Order number		A07054