

# 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 $\mu$ s)	$I_n$ 20.00 kA
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$ 40.00 kA
Voltage protection level	$U_p$ 1.20 kV
Response time	$t_a$ 100 ns

TOV 5 s L-N	<b>185 V</b>
TOV characteristic (TOV 5 s)	<b>withstand</b>
TOV 120 min L-N	<b>242 V</b>
TOV characteristic (120 min)	<b>withstand</b>
Cross-section of connected conductors solid (min)	<b>1.00 mm<sup>2</sup></b>
Cross-section of connected conductors solid (max)	<b>35.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (min)	<b>1.00 mm<sup>2</sup></b>
Cross-section of connected conductors stranded (max)	<b>25.00 mm<sup>2</sup></b>
Cross-section of remote indication conductors solid (max)	<b>1.5 mm<sup>2</sup></b>
Cross-section of remote indication conductors stranded (max)	<b>1.5 mm<sup>2</sup></b>
Fault indication	<b>red indication field</b>
Remote indication	<b>potential-free change-over contact</b>
Remote indication contacts	<b>250V/0,5A AC,250V/0,1A DC</b>
Degree of protection	<b>IP 20</b>
Range of ambient temperatures (min/max)	<b>-40 / 80 °C</b>
Humidity	<b>5 - 95 %</b>
According to standard	<b>EN 61643-11:2012, IEC 61643-11:2011</b>
ETIM Class	<b>EC000941</b>
Plug module	<b>SLP-150-VB/0</b>
Customs tariff number	<b>85363030</b>
EAN	<b>8595090570547</b>
Order number	<b>A07054</b>