

# SLP-150 V/1 S

## SPD - for low voltage / SPD type 2 / MOV

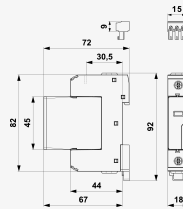
Surge arrester for TN and TT systems

pluggable module, visual fault signalling, remote fault signalling

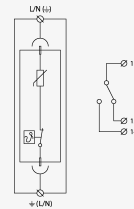
- varistor surge arrester
- installation to LV installations, especially to sub-distribution boards
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	T2
Mounting	DIN rail 35 mm
Nominal voltage	$U_n$ 120 V AC
Maximum operating voltage	$U_c$ 150.00 V AC
Maximum operating voltage	$U_c$ 200.00 V DC
Type of network	TN
Maximum overcurrent protection	160 A gL/gG
Short-circuit current rating	$I_{SCCR}$ 50.0 kA
Residual current	$I_{PE}$ 0.350 mA
Nominal discharge current (8/20 $\mu$ s)	$I_n$ 15.00 kA
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$ 40.00 kA
Voltage protection level	$U_p$ 0.74 kV
Voltage protection level at 5 kA	$U_p$ 0.60 kV
Response time	$t_a$ 25 ns
TOV 5 s L-N	175 V
TOV characteristic (TOV 5 s)	withstand

Cross-section of connected conductors solid (min)	1.00 mm <sup>2</sup>
Cross-section of connected conductors solid (max)	35.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (min)	1.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)	25.00 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	EC000941
Plug module	SLP-150 V/0
Customs tariff number	85363030
EAN	8595090551867
Order number	A05186