

# SLP-600-V/3YS-IT

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

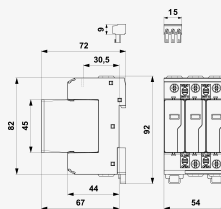
Varistor surge arrester

pluggable module, visual fault signalling, module locking

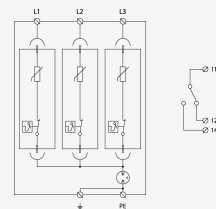
- three-pole varistor surge arrester
- installation to LV installations, especially to sub-distribution boards in IT systems
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike or switching overvoltages
- remote fault signalling



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	T2
Mounting	DIN rail 35 mm
Nominal voltage	$U_n$ 400,00–690,00 V AC
Maximum operating voltage	$U_c$ 760.00 V AC
Type of network	IT
Maximum overcurrent protection	100 A gL/gG
Short-circuit current rating	$I_{SCCR}$ 25.0 kA
Residual current	$I_{PE}$ 0.200 mA
Nominal discharge current (8/20 $\mu$ s) L-PE	20.00 kA
Maximum discharge current (8/20 $\mu$ s) L-PE	40.00 kA
Total discharge current (8/20 $\mu$ s)	$I_{Total(8/20)}$ 60.00 kA
Voltage protection level mode L-PE	$U_p$ 3.40 kV
Voltage protection level at 5 kA L-PE	2.50 kV
Response time	$t_a$ 100 ns
TOV 200 ms L-PE	1 960 V

TOV characteristic (TOV 200 ms)	<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-600 V/0</b>
Customs tariff number	<b>85363090</b>
EAN	<b>8595090541998</b>
Order number	<b>A04199</b>