SLP-600-V/3YS-IT

SPD - for low voltage / SPD type 2 / MOV

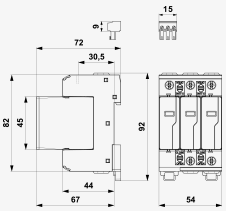
Varistor surge arrester

pluggable module, visual fault signalling, module locking

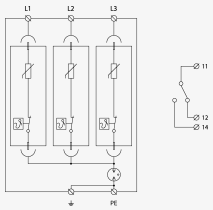
- three-pole varistor surge arrester
- installation to LV installations, especially to sub-distribution boards in IT systems
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike or switching overvoltages
- remote fault signalling



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 µs) L-PE		20.00 kA
Maximum discharge current (8/20 µs) L-PE		40.00 kA
Total discharge current (8/20 µs)	$I_{Total(8/20)}$	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)	**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-600 V/0**
Customs tariff number	**85363090**
EAN	**8595090541998**
Order number	**A04199**