SLP-600 V/3 S

SPD - for low voltage / SPD type 2 / MOV

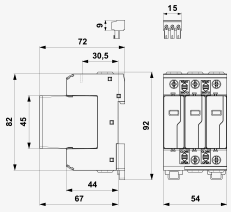
Varistor surge arrester

pluggable module, visual fault signalling, module locking

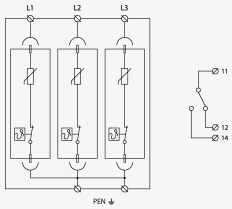
- three-pole varistor surge arrester
- installation to LV installations, especially to sub-distribution boards in TN, IT systems
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike or switching overvoltages
- suitable for the protection of wind farms and inverters, 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	230,00–690,00 V AC
Maximum operating voltage	U_c	760.00 V AC
Maximum operating voltage of varistor		880.00 V AC
Type of network		TN
Maximum overcurrent protection		100 A gL/gG
Short-circuit current rating	I_{SCCR}	25.0 kA
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	3.20 kV
Voltage protection level at 5 kA	U_p	2.70 kV
Response time	t_a	25 ns
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	**85363030**
EAN	**8595090563051**
Order number	**A06305**