SLP-275 V/3 S

SPD - for low voltage / SPD type 2 / MOV

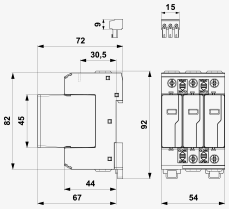
Surge arrester for three-phase system TN-C

pluggable module, visual fault signalling, module locking, remote fault signalling

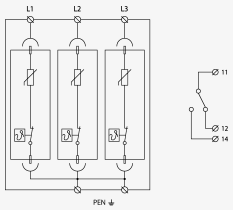
- three-pole varistor surge arrester
- installation to LV installations, especially to sub-distribution boards in TN-C systems
- for protection of the installations and equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T2
Mounting		DIN rail 35 mm
Nominal voltage	U_n	230.00 V AC
Maximum operating voltage	U_c	275.00 V AC
Maximum operating voltage	U_c	350.00 V DC
Type of network		TN
Maximum overcurrent protection		160 A gL/gG
Short-circuit current rating	I_{SCCR}	50.0 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	1.35 kV
Voltage protection level at 5 kA	U_p	0.90 kV
Response time	t_a	25 ns
TOV 5 s L-N		335 V
TOV characteristic (TOV 5 s)		withstand
TOV 120 min L-N		440 V
TOV characteristic (120 min)		safe failure

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-275 V/0
Customs tariff number	85363030
EAN	8595090517610
Order number	A01761