

SLP-275 V/1 S

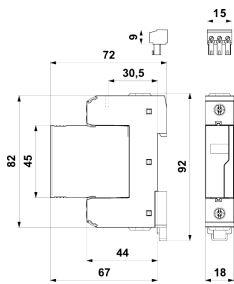
Ordering number 8595090516187

SPD type 2 - Surge Arrester

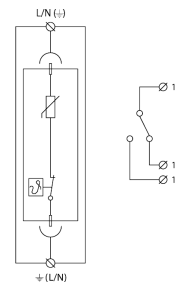
Varistor surge arrester. Installation at the boundary of zones LPZ 1 and LPZ 2. Especially to sub-distribution boards. Protection of the LV installations and equipments against induced surges and switching surge. SLP-600 V/1 suitable for protection of inverters or wind power plant systems. Remote status signaling.



Dimension drawing



Basic circuit diagram



Technical specifications

Type of SPD		T2
Nominal voltage	U_n	230 V AC
Maximum operating voltage	U_c	275 V AC
Maximum operating voltage	U_c	350 V DC
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 at 5 kA	U_p	0,90 kV
Voltage protection level	U_p	1,35 kV
Short-circuit current rating	I_{SCCR}	50,0 kA
Maximum overcurrent protection		160 A gL/gG
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)		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
Fault indication		red indication field
Remote indication		potential-free change-over contact
Remote indication contacts		250V/0,5A AC,250V/0,1A DC
Cross-section of remote indication conductors		1,5 mm ²
Degree of protection		IP 20
Range of operating temperatures - min		-40 °C
Range of operating temperatures - max		80 °C
Mounting		DIN rail 35 mm
According to standard		EN 61643-11:2012, IEC 61643-11:2011
Plug module		SLP-275 V/0
ETIM Class		EC000941