

DA-275 V/1S+1

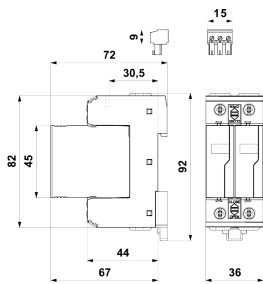
Ordering number 8595090519751

SPD type 3 - Surge Arrester

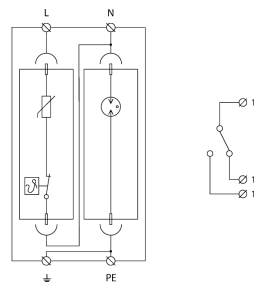
Combination of varistor SPD and encapsulated spark gap, connected in the 1+1 mode. Installation at the boundary of zones LPZ 2 and LPZ 3. Protection against impact of induced surge during a lightning strike or switching surges. Protection of LV installations and all types of electric and electronic equipment. Remote status signaling (S).



Dimension drawing



Basic circuit diagram



Technical specifications

Type of network		TT
Type of SPD		T3
Nominal voltage	U_n	230 V AC
Maximum operating voltage L-N	U_c	275 V AC
Maximum operating voltage N-PE	U_c	255 V AC
Nominal discharge current (8/20 μ s) L-N	I_n	5,00 kA
Nominal discharge current (8/20 μ s) N-PE	I_n	10,00 kA
Test voltage L-N	U_{oc}	10,0 kV
Test voltage N-PE	U_{oc}	20,0 kV
Voltage protection level	U_p	1,00 kV
Voltage protection level mode L-N	U_p	1,50 kV
Voltage protection level mode N-PE	U_p	1,50 kV
Maximum overcurrent protection		63 A gL/gG or C 63 A
Response time L-N	t_a	25 ns
Response time N-PE	t_a	100 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
Fault indication L-N		red indication field
Fault indication N-PE		no
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		DA-275 V/0
ETIM Class		EC000942