

# DA-275 V/3S+1

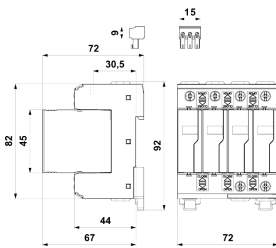
Ordering number 8595090518495

## SPD type 3 - Surge Arrester

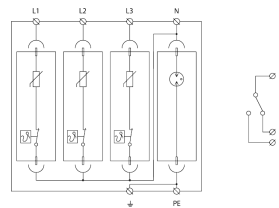
Combination of varistor SPD and encapsulated spark gap, connected in the 3+1 mode. Installation at the boundary of zones LPZ 2 and LPZ 3. Protection against impact of induced surge during a lightning strike or switching surges. Protection of LV installations and all types of electric and electronic equipment. 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 $\mu$ s) L-N	$I_n$	5,00 kA
Nominal discharge current (8/20 $\mu$ 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 mode L-N	$U_p$	1,00 kV
Voltage protection level mode N-PE	$U_p$	1,50 kV
Voltage protection level mode L-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 <sup>2</sup>
Cross-section of connected conductors solid (max)		35,00 mm <sup>2</sup>
Cross-section of connected conductors stranded (min)		1,00 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)		25,00 mm <sup>2</sup>
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 <sup>2</sup>
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