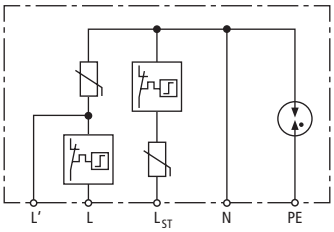
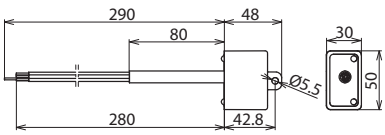
DCOR L 3P 275 SO IP (900 447)

- Visual fault indication for both protective paths
- Interruption of the load circuit in the event of a fault
- Compact design





Basic circuit diagram



Dimension drawing

Three-pole surge arrester for all installation systems; compact design. IP 65 degree of protection. With disconnection of the load circuit in the event of a fault and protection of the control phase.

Type	**DCOR L 3P 275 SO IP**
Part No.	**900 447**
Extended technical data	
Connecting cable	1.5 mm², 230 mm long
Technical data	
SPD according to EN 61643-11 / IEC 61643-11	Typ 2 / Class II
Energy coordination with terminal equipment (≤ 10 m)	Typ 2 + Typ 3
Nominal voltage (a.c.) (U_N)	230 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N] (U_C)	275 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [N-PE] (U_C)	255 V (50 / 60 Hz)
Nominal discharge current (8/20 µs) (I_n)	5 kA
Max. discharge current (8/20 µs) (I_{max})	10 kA
Total discharge current (8/20 µs) [L+N-PE] (I_{total})	20 kA
Voltage protection level [L-N] (U_p)	≤ 1,5 kV
Voltage protection level [L-N] at 3 kA (U_p)	≤ 1 kV
Voltage protection level [L-N] at 1.5 kA (U_p)	≤ 0,85 kV
Voltage protection level [N-PE] (U_p)	≤ 1,5 kV
Follow current extinguishing capability [N-PE] (I_{Fi})	100 A_{eff}
Response time [L-N] (t_A)	≤ 25 ns
Response time [L/N-PE] (t_A)	≤ 100 ns
Max. load current (I_L)	10 A
Max. mains-side overcurrent protection	B 16 A
Short-circuit withstand capability for mains-side overcurrent protection (I_{SCCR})	1 kA_{eff}
Short-circuit withstand capability for mains-side overcurrent protection with 16 A gG (I_{SCCR})	6 kA_{eff}
Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic	335 V / 5 sec. – Festigkeit 440 V / 120 min. – sicherer Ausfall
Temporary overvoltage (TOV) [N-PE] (U_T) - Characteristic	1200 V / 200 ms. – sicherer Ausfall
Fault indication	rot
Interruption of the load circuit in the event of a fault	ja
Number of ports	1
Operating temperature range (T_U)	-40 °C ... +80 °C
Enclosure material	Thermoplast, Farbe rot, UL 94 V-0
Degree of protection of installed device	IP 65
Extended technical data:	----------
Combination wave (U_{OC})	10 kV

Masterdata	
Net weight	130 g/pc(s)
GTIN	4013364282216
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363030

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.