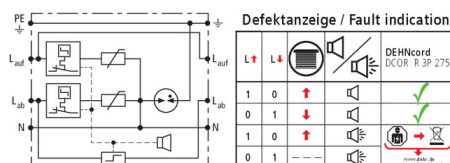


## DCOR R 3P 275 (900 449)

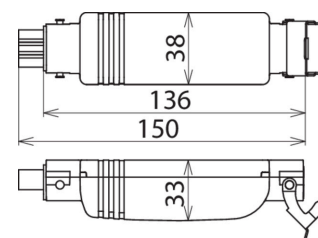
- Acoustic fault indication for both protective paths
- Interruption of the load current circuit in the event of a fault for downstream operation
- Compact design with IP54 degree of protection (adapter)



Figure without obligation



Basic circuit diagram DCOR R 3P 275



Dimension drawing DCOR R 3P 275

Surge arrester for electric Venetian blinds; compact design.

### Technical data

Type	DCOR R 3P 275
Part No.	900 449
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
Energy coordination with terminal equipment ( $\leq 10$ m)	type 2 + type 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 load current (a.c.) ( $I_L$ )	10 A
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	2.5 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	5 kA
Total discharge current (8/20 $\mu$ s) [L+N-PE] ( $I_{total}$ )	15 kA
Voltage protection level [L-N] ( $U_P$ )	$\leq 1.5$ kV
Follow current extinguishing capability [N-PE] ( $I_n$ )	100 A <sub>rms</sub>
Response time [L-N] ( $t_A$ )	$\leq 25$ ns
Response time [L/N-PE] ( $t_A$ )	$\leq 100$ ns
Short-circuit withstand capability for mains-side overcurrent protection ( $I_{SCCR}$ )	1 kA <sub>rms</sub>
Temporary overvoltage (TOV) [L-N] ( $U_T$ ) – Characteristic	335 V / 5 sec. – withstand
Temporary overvoltage (TOV) [L-N] ( $U_T$ ) – Characteristic	440 V / 120 min. – safe failure
Temporary overvoltage (TOV) [N-PE] ( $U_T$ ) – Characteristic	1200 V / 200 ms – safe failure
Acoustic fault indication	yes
Interruption of the load circuit in the event of a fault	yes for downstream operation
Number of ports	1
Connector	Hirschmann STAK 3 / STAS 3
Operating temperature range ( $T_U$ )	-20 °C ... +70 °C
Degree of protection of installed device	IP 54
Weight	128 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364320031
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.