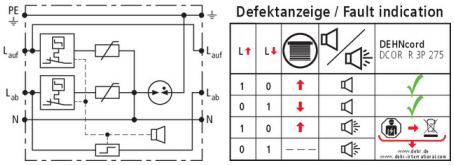
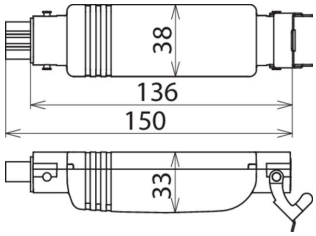
DCOR R 3P 275 (900 449)

- 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 Part No.	DCOR R 3P 275 900 449
SPD according to EN 61643-11 / IEC 61643-11	type 2 / class II
Energy coordination with terminal equipment (≤ 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 µs) (I_n)	2.5 kA
Max. discharge current (8/20 µs) (I_{max})	5 kA
Total discharge current (8/20 µs) [L+N-PE] (I_{total})	15 kA
Voltage protection level [L-N] (U_P)	≤ 1.5 kV
Follow current extinguishing capability [N-PE] (I_{fi})	100 A_{rms}
Response time [L-N] (t_A)	≤ 25 ns
Response time [L/N-PE] (t_A)	≤ 100 ns
Short-circuit withstand capability for mains-side overcurrent protection (I_{SCCR})	1 kA_{rms}
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)