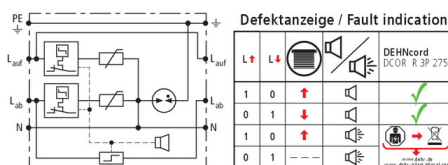


## DCOR R 3P 275 (900 449)

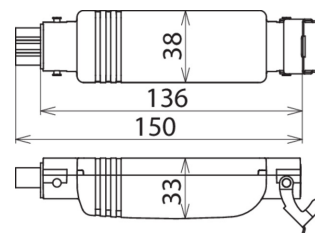
- Acoustic fault indication for both protective paths
- Interruption of the load current circuit in the event of a fault for downstream operation
- Compact design with IP54 degree of protection (adapter)



Figure without obligation



Basic circuit diagram DCOR R 3P 275



Dimension drawing DCOR R 3P 275

Surge arrester for electric Venetian blinds; compact dimensions.

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 (≤ 10 m)	type 2 + type 3
Nominal voltage (a.c.) (U <sub>N</sub> )	230 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N] (U <sub>c</sub> )	275 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [N-PE] (U <sub>c</sub> )	255 V (50 / 60 Hz)
Nominal load current (a.c.) (I <sub>L</sub> )	10 A
Nominal discharge current (8/20 μs) (I <sub>n</sub> )	2.5 kA
Max. discharge current (8/20 μs) (I <sub>max</sub> )	5 kA
Total discharge current (8/20 μs) [L+N-PE] (I <sub>total</sub> )	15 kA
Voltage protection level [L-N] (U <sub>P</sub> )	≤ 1.5 kV
Follow current extinguishing capability [N-PE] (I <sub>n</sub> )	100 A <sub>rms</sub>
Response time [L-N] (t <sub>A</sub> )	≤ 25 ns
Response time [L/N-PE] (t <sub>A</sub> )	≤ 100 ns
Short-circuit withstand capability for mains-side overcurrent protection (I <sub>SCCR</sub> )	1 kA <sub>rms</sub>
Temporary overvoltage (TOV) [L-N] (U <sub>T</sub> ) – Characteristic	335 V / 5 sec. – withstand
Temporary overvoltage (TOV) [L-N] (U <sub>T</sub> ) – Characteristic	440 V / 120 min. – safe failure
Temporary overvoltage (TOV) [N-PE] (U <sub>T</sub> ) – 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 <sub>U</sub> )	-20 °C ... +70 °C
Degree of protection of installed device	IP 54
Weight	129 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.