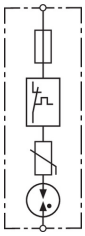
VA NH1 280 (900 271)

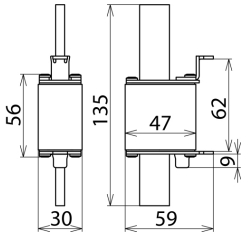
- Surge arrester for use in NH00 and NH1 fuse holders
- Zinc oxide varistor with monitoring device, disconnector and integrated backup fuse (VA NH with additional spark gap connected in series)
- Fault indication by tripping indicator



Figure without obligation



Basic circuit diagram VA NH1 280



Dimension drawing VA NH1 280

Surge arrester with a varistor and a spark gap connected in series; for use in NH1 fuse holders for TT and TN systems.

Type Part No.	VA NH1 280 900 271
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.) (U_C)	280 V (50 / 60 Hz)
Nominal discharge current (8/20 µs) (I_n)	10 kA
Max. discharge current (8/20 µs) (I_{max})	20 kA
Voltage protection level (U_P)	≤ 1.5 kV
Response time (t_A)	≤ 100 ns
Max. mains-side overcurrent protection	not required
Rated breaking capacity of the internal backup protection	25 kA
Short-circuit withstand capability (I_{SCCR})	25 kA_{rms}
Temporary overvoltage (TOV) (U_T) – Characteristic	440 V / 120 min. – withstand
Indication of the disconnector	red indicator
Number of ports	1
Operating temperature range (T_U)	-40 °C ... +80 °C
For mounting on	NH1 fuse holders
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IPX4W
Weight	224 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364106710
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.