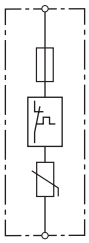
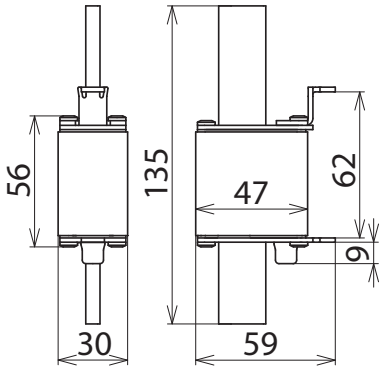
V NH1 280 (900 270)

- 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





Basic circuit diagram



Dimension drawing

Surge arrester for use in NH1 fuse holders for TT and TN systems.

Type	V NH1 280
Part No.	**900 270**
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 (AC) (U_C)	280 V (50 / 60 Hz)
Nominal discharge current (8/20 µs) (I_n)	15 kA
Max. discharge current (8/20 µs) (I_{max})	30 kA
Voltage protection level (U_p)	≤ 1.5 kV
Voltage protection level at 5 kA (U_p)	≤ 1.2 kV
Response time (t_A)	≤ 25 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 (U_T) – characteristic	335 V / 5 sec. – withstand 440 V / 120 min. – safe failure
Indication of 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

Masterdata	
Net weight	223.1 g/pc(s)
GTIN	4013364106703
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.