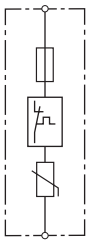
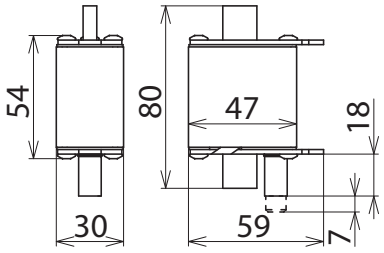
V NH00 280 FM (900 263)

- Surge arrester for use in NH00 and 1 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 NH00 fuse holders for TT and TN systems, optionally available with special indicator for remote signalling.

Type	**V NH00 280 FM**
Part No.	**900 263**
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
Indicator for remote signalling	tripping distance of 7 mm
Number of ports	1
Operating temperature range (T_U)	-40 °C ... +80 °C
For mounting on	NH fuse holder, size 00
Enclosure material	Thermoplastic, red, UL 94 V-0
Place of installation	Indoor
Degree of protection	IPX4W

Masterdata	
Net weight	194 g/pc(s)
GTIN	4013364094369
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.