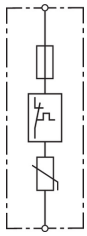
V NH00 280 FM (900 263)

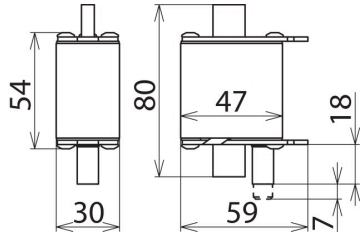
- Surge arrester for use in NH00 and 1 fuse holders
- Zinc oxide varistor with monitoring device, disconnector and integrated backup fuse (VA NH with additional spark gap connected in series)
- Fault indication by tripping indicator



Figure without obligation



Basic circuit diagram V NH00 280 FM



Dimension drawing V NH00 280 FM

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

Type Part No.	V NH00 280 FM 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 (a.c.) (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 (TOV) (U_T) – Characteristic	335 V / 5 sec. – withstand
Temporary overvoltage (TOV) (U_T) – Characteristic	440 V / 120 min. – safe failure
Indication of the 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	NH00 fuse holders
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IPX4W
Weight	194 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364094369
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.