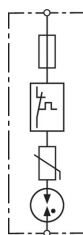


## VA NH00 280 FM (900 264)

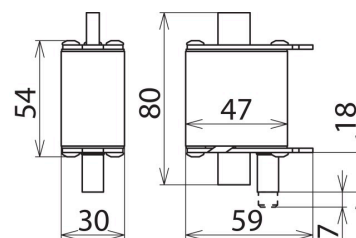
- Surge arrester for use in NH00 and NH1 fuse holders
- Zinc oxide varistor with monitoring device, disconnecter and integrated backup fuse (VA NH with additional spark gap connected in series)
- Fault indication by tripping indicator



Figure without obligation



Basic circuit diagram VA NH00 280 FM



Dimension drawing VA NH00 280 FM

Surge arrester with a varistor and a spark gap connected in series; for use in NH00 fuse holders for TT and TN systems, optionally available with special indicator for remote signalling.

Type	VA NH00 280 FM
Part No.	900 264
SPD according to EN 61643-11 / IEC 61643-11	Type 2 / Class II
Energy coordination with terminal equipment ( $\leq 10$ 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 $\mu$ s) ( $I_n$ )	10 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	20 kA
Voltage protection level ( $U_p$ )	$\leq 1.5$ kV
Response time ( $t_a$ )	$\leq 100$ 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 <sub>rms</sub>
Temporary overvoltage (TOV) ( $U_T$ ) – Characteristic	440 V / 120 min. – withstand
Indication of the disconnecter	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 holders, size 00
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IPX4W
Weight	157 g
Customs tariff number	85363030
GTIN	4013364073661
PU	1 Stk

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.