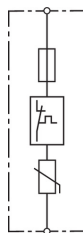


V NH1 280 (900 270)

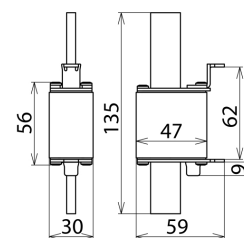
- Surge arrester for use in NH00 and NH1 fuse holders
- Zinc oxide varistor with monitoring device, disconnector and integrated backup fuse (VA NH with additional spark gap connected in series)
- Fault indication by tripping indicator



Figure without obligation



Basic circuit diagram V NH1 280



Dimension drawing V NH1 280

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

| Type Part No. | V NH1 280 900 270 |
|--|---------------------------------|
| 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 (a.c.) (U_C) | 280 V (50 / 60 Hz) |
| Nominal discharge current (8/20 μ s) (I_n) | 15 kA |
| Max. discharge current (8/20 μ s) (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 |
| 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 | 223 g |
| Customs tariff number (Comb. Nomenclature EU) | 85363030 |
| GTIN | 4013364106703 |
| 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.