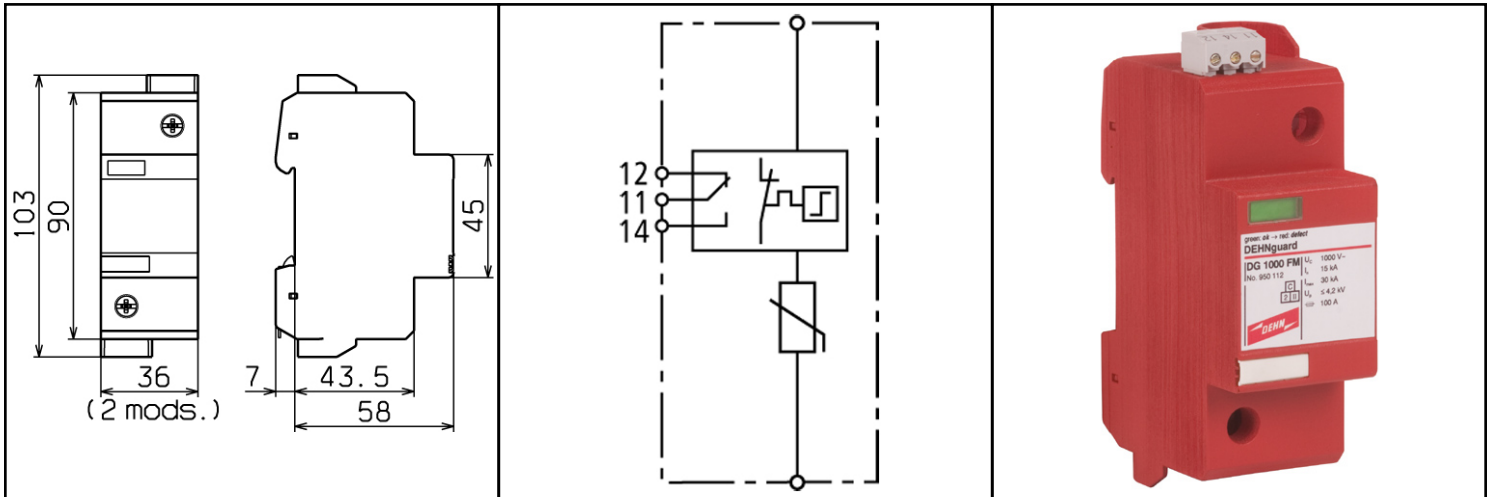


SPDS TYPE 2

DG 1000



Dimension drawing DG 1000 FM

Basic circuit diagram DG 1000 FM

DG 1000 (FM): Single-pole compact surge arrester with rated voltage $U_C = 1000$ V ac

- **Rated voltage $U_C = 1000$ V ac**
- **High discharge capacity due to powerful zinc oxide varistor**
- **Reliable control due to "Thermo Dynamic Control" disconnecter with dual monitoring**
- **Fault indication by red mark in the inspection window**
- **Also available with remote signalling contact for control device (floating changeover contact)**
- **Quick response**

| DG 1000 | |
|--|---|
| SPD according to EN 61643-11 | Type 2 |
| SPD according to IEC 61643-1 | Class II |
| Max. continuous ac voltage [U_C] | 1000 V |
| Max. continuous dc voltage [U_C] | 1000 V |
| 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] | ≤ 4.2 kV |
| Voltage protection level at 5 kA [U_P] | ≤ 3.5 kV |
| Response time [t_A] | ≤ 25 ns |
| Max. overcurrent protection | 100 A aM |
| Max. overcurrent protection at $U \leq 690$ V ac | 125 A gL/gG |
| Short circuit withstand capability at max. backup fuse | 25 kA _{rms} |
| Operating temperature range [T_U] | -40°C...+80°C |
| Cross-sectional area (min.) | 1.5 mm ² solid/flexible |
| Cross-sectional area (max.) | 35 mm ² stranded/25 mm ² flexible |
| Mounting on | 35 mm DIN rail acc |
| Enclosure material | red thermoplastic, UL 94 V-0 |
| Degree of protection | IP 20 |
| Dimension | 2 mods., DIN 4 |
| Ordering information | |
| Type | DG 1000 |
| Part No. | 950 102 |
| Packing unit | 1 pcs. |

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.