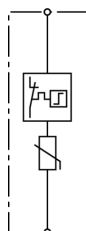


DG 1000 (950 102)

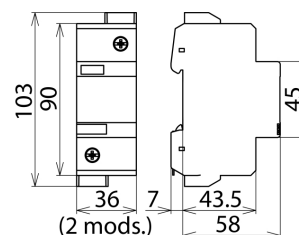
- High discharge capacity due to heavy-duty zinc oxide varistor
- High reliability due to "Thermo Dynamic Control" disconnecter
- Specifically designed for high system voltages



Figure without obligation



Basic circuit diagram DG 1000



Dimension drawing DG 1000

Compact single-pole surge arrester with a rated voltage $U_C = 1000 \text{ V a.c.}$; FM version with floating remote signalling contact

Type	DG 1000
Part No.	950 102
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1/-11	Class II
Max. continuous operating a.c. voltage (U_C)	1000 V
Max. continuous operating d.c. voltage (U_C)	1000 V
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)	$\leq 4.2 \text{ kV}$
Voltage protection level at 5 kA (U_p)	$\leq 3.5 \text{ kV}$
Response time (t_A)	$\leq 25 \text{ ns}$
Max. overcurrent protection	100 A aM
Max. overcurrent protection for $U \leq 690 \text{ V a.c.}$	125 A gL/gG
Short-circuit withstand capability for max. backup fuse	25 kA _{rms}
Operating temperature range (T_U)	$-40^\circ\text{C} \dots +80^\circ\text{C}$
Operating state/fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	1.5 mm ² solid/flexible
Cross-sectional area (max.)	35 mm ² stranded/25 mm ² flexible
For mounting on	35 mm DINs rail acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	2 module(s), DIN 43880
Approvals	UL
Weight	204 g
Customs tariff number	85363030
GTIN	4013364105621
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.