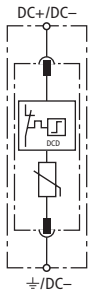
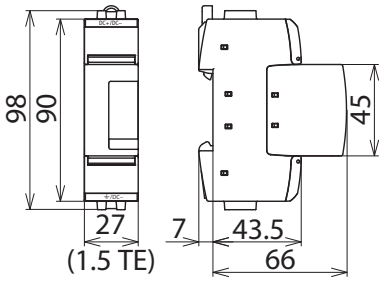
DG SE DC 60 (972 110)

- Universal single-pole surge arrester consisting of a base part and a plug-in protection module
- Powerful d.c. switching device DCD
- Can be used without additional backup fuse





Basic circuit diagram



Dimension drawing

Modular single-pole surge arrester for d.c. applications.

Type	DG SE DC 60
Part No.	**972 110**
SPD classification as per EN 61643-11 / ... IEC 61643-11	type 2 / class II
Energy coordination with terminal equipment (≤ 10 m)	type 2 + type 3
Nominal voltage (d.c.) (U_N)	48 V
Max. continuous operating voltage DC (U_C)	60 V
Nominal discharge current (8/20 µs) (I_n)	12.5 kA
Voltage protection level (U_p)	≤ 0.5 kV
Response time (t_A)	≤ 25 ns
Short-circuit withstand capability without backup fuse (d.c.) (I_{SCCR})	300 A
Short-circuit withstand capability for max. mains-side overcurrent protection (d.c.) (I_{SCCR})	25 kA
Max. mains-side overcurrent protection	35 A gG
Temporary overvoltage (TOV) DC (U_T) – characteristic	70 V / 5 sec. – withstand
Temporary overvoltage (TOV) DC, 2x U_C (U_T) – characteristic	120 V / 120 min. – safe failure
Operating temperature range (T_U)	-40 °C ... +80 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	1.5 mm² solid / flexible
Cross-sectional area (max.)	35 mm² stranded / 25 mm² flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, red, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	1.5 Standard DIN module, DIN 43880
Extended technical data	
DC and AC operation possible	no

Masterdata	
Net weight	138 g/pc(s)
GTIN	4013364158504
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363030

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.