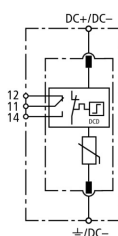


DG SE DC 900 FM (972 145)

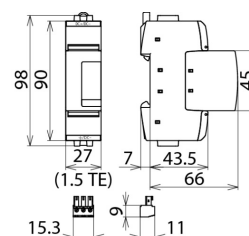
- Universal single-pole surge arrester consisting of a base part and plug-in protection module
- Powerful d.c. switching device DCD
- Can be used without additional backup fuse



Figure without obligation



Basic circuit diagram DG SE DC 900 FM



Dimension drawing DG SE DC 900 FM

Modular single-pole surge arrester for d.c. applications; with floating remote signalling contact.

Type Part No.	DG SE DC 900 FM 972 145
SPD classification according to EN 61643-11 / IEC 61643-11	type 2 / class II
Nominal d.c. voltage (U_N)	750 V
Max. continuous operating d.c. voltage (U_C)	900 V
Nominal discharge current (8/20 μ s) (I_n)	12.5 kA
Voltage protection level (U_P)	≤ 3.0 kV
Response time (t_A)	≤ 25 ns
Short-circuit withstand capability without backup fuse d.c. (I_{SCCR})	100 A
Short-circuit withstand capability for max. mains-side overcurrent protection d.c. (I_{SCCR})	2000 A
Max. mains-side overcurrent protection	80 A gPV
Temporary overvoltage (TOV) d.c. (U_T) - Characteristic	1089 V / 5 sec. – withstand
Temporary overvoltage (TOV) d.c., 2x U_C (U_T) - Characteristic	1800 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 mm ² solid / flexible
Cross-sectional area (max.)	35 mm ² stranded / 25 mm ² 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	IP20
Capacity	1.5 module(s), DIN 43880
Type of remote signalling contact	changeover contact
a.c. switching capacity	250 V / 0.5 A
d.c. switching capacity	250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A
Cross-sectional area for remote signalling terminals	max. 1.5 mm ² solid / flexible
Extended technical data:	use for safety lighting systems
– d.c. and a.c. operation	no
Weight	172 g
Customs tariff number	85363030
GTIN	4013364158658
PU	1 pc(s)



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.