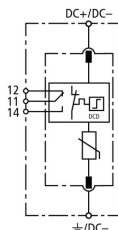


## DG SE DC 60 FM (972 115)

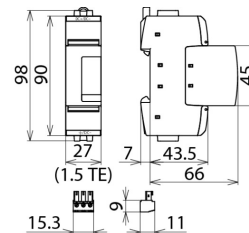
- Universal single-pole surge arrester consisting of a base part and plug-in protection module
- Powerful d.c. switching device DCD
- Can be used without additional backup fuse



Figure without obligation



Basic circuit diagram DG SE DC 60 FM



Dimension drawing DG SE DC 60 FM

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

Type	DG SE DC 60 FM
Part No.	972 115
SPD classification according to EN 61643-11 / IEC 61643-11	type 2 / class II
Nominal d.c. voltage ( $U_N$ )	48 V
Max. continuous operating d.c. voltage ( $U_C$ )	60 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	12.5 kA
Voltage protection level ( $U_P$ )	$\leq 0.5$ kV
Response time ( $t_A$ )	$\leq 25$ 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. ( $I_{SCCR}$ )	2000 A
Max. mains-side overcurrent protection	35 A gG
Temporary overvoltage (TOV) d.c. ( $U_T$ ) - Characteristic	70 V / 5 sec. – withstand
Temporary overvoltage (TOV) d.c., $2 \times U_C$ ( $U_T$ ) - 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 mm <sup>2</sup> solid / flexible
Cross-sectional area (max.)	35 mm <sup>2</sup> stranded / 25 mm <sup>2</sup> 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 <sup>2</sup> solid / flexible
Extended technical data:	use for safety lighting systems
– d.c. and a.c. operation	no
Weight	142 g
Customs tariff number	85363030
GTIN	4013364158511
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.