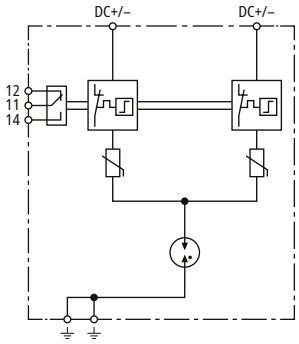
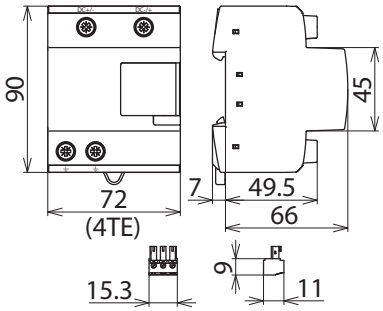
DCG T1 BATT 1500 FM (900 095)





Basic circuit diagram



Dimension drawing

- Prewired, type 1 + 2 combined arrester for battery storage systems
- Operating state / fault indication with floating remote signalling contact

NEW

Type	DCG T1 BATT 1500 FM
Part No.	**900 095**
SPD based on IEC 61643-11	type 1 + type 2 / class I + class II
Max. continuous operating voltage DC [DC+/DC-] (U_C)	≤ 1500 V
Max. continuous operating voltage (d.c.) [(DC+/DC-) --> PE] (U_C)	≤ 750 V
Short-circuit withstand capability (t ≤ 5.83 ms) (I_{SCCR})	100 kA
Backup fuse for DC battery storage systems up to I_{SCCR}	Bussman HLS 2000Vdc /200 A 2+/A173 DST aR Mersen Protistor D122SD20C200QF 200A 2000V DC aR
Nominal discharge current (8/20 µs) (I_n)	12.5 kA
Total discharge current (10/350 µs) [DC+/DC- -> PE] (I_{total})	10 kA
Lightning impulse current (10/350 µs) [DC+ -> PE/DC- -> PE] (I_{imp})	5 kA
Voltage protection level [(DC+/DC-) -> PE] (U_p)	< 3 kV
Voltage protection level [DC+ -> DC-] (U_p)	< 6 kV
Response time (t_A)	≤ 100 ns
Protective conductor current (I_{PE})	≤ 25 µA
Operating temperature range (T_U)	-40°C to +80°C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	1.5 mm² solid / fine-stranded
Cross-sectional area (max.)	35 mm² stranded / 25 mm² fine-stranded
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	Thermoplastic, red, UL 94 V-0
Place of installation	Indoor
Degree of protection	IP 20
Capacity	4 Standard DIN module, DIN 43880
Type of remote signalling contact	Changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	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 mm² solid / fine-stranded

Masterdata	
Net weight	511 g/pc(s)
GTIN	4013364510838
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85354000

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.