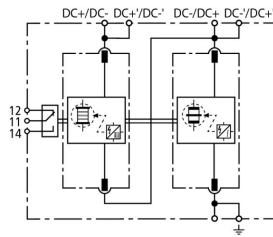


DSE NG 2P 60 FM (971 222)

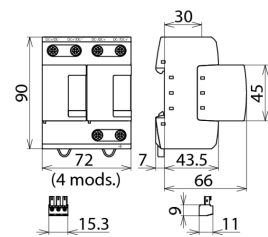
- Coordinated spark-gap-based lightning current arrester consisting of a base part and a plug-in protection module
- Spark gap technology particularly suited for use in d.c. circuits
- Directly coordinated with DEHNguard SE DC 60 (FM) surge protective devices



Figure without obligation



Basic circuit diagram DSE NG 2P 60 FM



Dimension drawing DSE NG 2P 60 FM

Coordinated and modular two-pole lightning current arrester for DC applications up to 60 V (1+1 configuration); FM version with floating remote signalling contact.

Type	DSE NG 2P 60 FM
Part No.	971 222
SPD classification according to EN 61643-11 / IEC 61643-11	type 1 / class I
Max. continuous operating voltage (d.c.) (U_c)	60 V
Lightning impulse current (10/350 μ s) (DC+/DC- -> DC-/DC+) / (DC-/DC+ -> \pm) (I_{imp})	25 / 50 kA
Specific energy (DC+/DC- -> DC-/DC+) / (DC-/DC+ -> \pm) (W/R)	156.25 / 625.00 kJ/ohms
Voltage protection level (DC+/DC- -> DC-/DC+) / (DC-/DC+ -> \pm) (U_p)	≤ 1.5 / ≤ 1.5 kV
Response time (t_A)	≤ 100 ns
Short-circuit withstand capability for max. mains-side overcurrent protection d.c. (I_{SCCR})	25 kA
Max. mains-side overcurrent protection	250 A gG
Max. backup fuse (DC+/DC- -> DC+/DC-)	100 A gG
Operating temperature range (parallel connection) (T_{UP})	-40 °C ... +80 °C
Operating temperature range (series connection) (T_{US})	-40 °C ... +60 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	10 mm ² solid / flexible
Cross-sectional area (DC+/DC-, DC-/DC+, \pm) (max.)	50 mm ² stranded / 35 mm ² flexible
Cross-sectional area (DC+ /DC-, DC- /DC+) (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	IP 20
Capacity	4 module(s), 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 mm ² solid / flexible
Weight	433 g
Customs tariff number (Comb. Nomenclature EU)	85363090
GTIN	4013364489523
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.