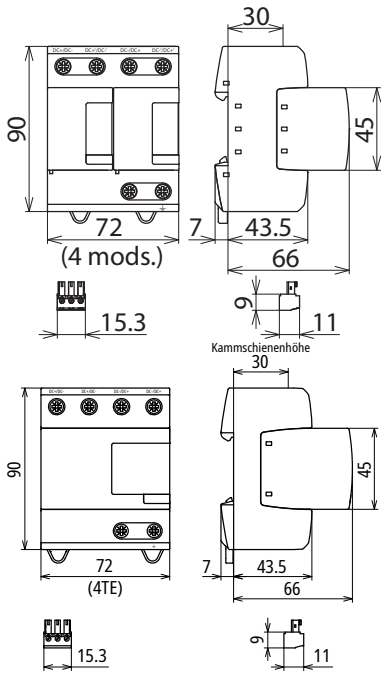
DSE NG 2P 60 FM (971 222)

- 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





Dimension drawing

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 as per EN 61643-11 / ... IEC 61643-11	type 1 + type 2 / class I + class II
Max. continuous operating voltage DC (U_c)	60 V
Lightning impulse current (10/350 µs) (DC+/DC- -> DC-/DC+) / (DC-/DC+ ->) (I_{imp})	25 / 50 kA
Specific energy (DC+/DC- -> DC-/DC+) / (DC-/DC+ ->) (W/R)	156.25 / 625.00 kJ/ohms
Voltage protection level (DC+/DC- -> DC-/DC+) / (DC-/DC+ ->) (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 (through-wiring) (T_{US})	-40 °C ... +60 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	10 mm² solid / flexible
Cross-sectional area (DC+/DC-, DC-/DC+,) (max.)	50 mm² stranded / 35 mm² flexible
Cross-sectional area (DC+´/DC-´, DC-´/DC+´) (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	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 / flexible

© DEHN, Inc. • 500 S Main Street, Suite 115 • Mooresville, NC 28115 • United States • Tel. +1 877-927-6510 • contactDEHN@dehn.us • www.dehn.us

: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component

Masterdata	
Net weight	433.12 g/pc(s)
GTIN	4013364489523
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363090

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.