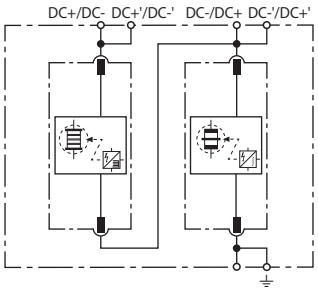
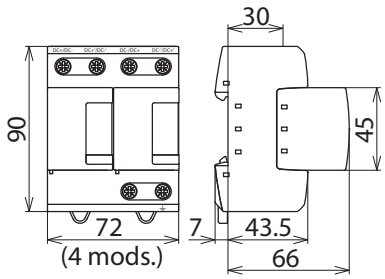
DSE M 2P 60 (971 221)

- 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





Basic circuit diagram



Dimension drawing

Coordinated and modular two-pole lightning current arrester for d.c. applications from 12 to 60 volts (1+1 configuration); FM version with floating remote signalling contact.

Type	DSE M 2P 60
Part No.	**971 221**
SPD classification as per EN 61643-11 / ... IEC 61643-11	type 1 / class I
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
Directly coordinated with DEHNguard	DG SE DC 60 (Part No. 972 110)
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})	17 kA
Max. mains-side overcurrent protection	250 A gG
Max. backup fuse (DC+/DC- -> DC+'/DC-')	125 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
Approvals	UL

Masterdata	
Net weight	608 g/pc(s)
GTIN	4013364138612
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.

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: 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