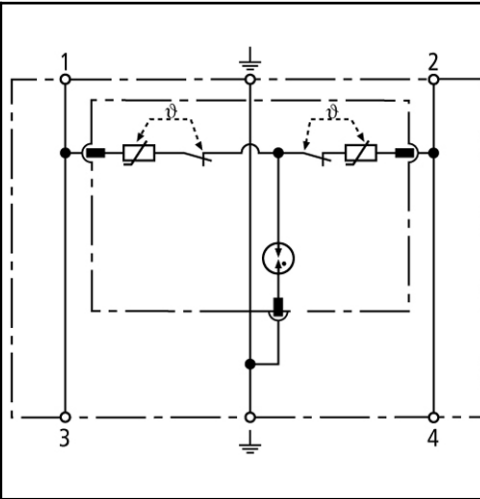


Dimension drawing DR M 2P ... FM



Basic circuit diagram DR M 2P ... FM



DR M 2P ...: Two-pole surge arrester consisting of a base element and plug-in protection module

- Two-pole surge arrester consisting of a base element and plug-in protection module
- High discharge capacity due to powerful zinc oxide varistor/spark gap combination
- Energy-coordinated within the Red/Line product family
- Operating state/fault indication by mark in the inspection window
- Small (modular) design acc. to DIN 43880
- Easy exchange of protection modules without tools by module locking system with releasing button
- Tested for vibration- and shock-proofness acc. to EN 60068-2

DR M 2P 75	
SPD according to EN 61643-11	Type 3
SPD according to IEC 61643-1	Class III
Nominal ac voltage [U <sub>N</sub> ]	60 V
Max. continuous ac voltage [U <sub>C</sub> ]	75 V
Max. continuous dc voltage [U <sub>C</sub> ]	75 V
Nominal load current ac [I <sub>L</sub> ]	25 A
Nominal discharge current (8/20 μs) [L-N] [I <sub>n</sub> ]	2 kA
Nominal discharge current (8/20 μs) [L+N-PE] [I <sub>n</sub> ]	4 kA
Combined impulse [L-N] [U <sub>OC</sub> ]	4 kV
Combined impulse [L+N-PE] [U <sub>OC</sub> ]	8 kV
Voltage protection level [L-N] [U <sub>p</sub> ]	≤ 400 V
Voltage protection level [L/N-PE] [U <sub>p</sub> ]	≤ 730 V
Response time [L-N] [t <sub>A</sub> ]	≤ 25 ns
Response time [L/N-PE] [t <sub>A</sub> ]	≤ 100 ns
Max. mains-side overcurrent protection	25 A gL/gG or B 25 A
Short circuit withstand capability at mains-side overcurrent protection with 25 A gL/gG	6 kA <sub>rms</sub>
Operating temperature range [T <sub>U</sub> ]	-40°C...+80°C
Cross-sectional area (min.)	0.5 mm <sup>2</sup> solid/flexible
Cross-sectional area (max.)	4 mm <sup>2</sup> solid/2.5 mm <sup>2</sup> flexible
Mounting on	35 mm DIN rail acc. to EN 60715
Enclosure material	red thermoplastic, UL 94 V-0
Degree of protection	IP 20
Dimension	1 mod., DIN 43880
Approvals, Certifications	KEMA, VDE

Ordering information	
Type	DR M 2P 75

**Part No.**

**953 203**

**Packing unit**

**1 pcs.**

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.