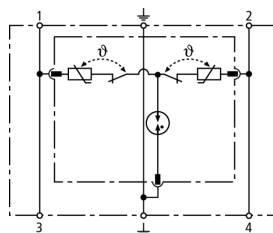


## DR M 2P 150 (953 204)

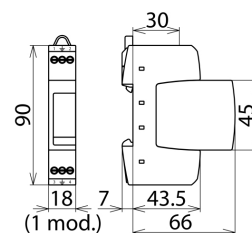
- Two-pole surge arrester consisting of a base element and plug-in protection module
- High discharge capacity due to heavy-duty zinc oxide varistor/spark gap combination
- Energy coordination with other arresters of the Red/Line product family



Figure without obligation



Basic circuit diagram DR M 2P 150



Dimension drawing DR M 2P 150

Two-pole surge arrester consisting of a base part and plug-in protection module

| Type                                                                                     | DR M 2P 150                                          |
|------------------------------------------------------------------------------------------|------------------------------------------------------|
| Part No.                                                                                 | 953 204                                              |
| SPD according to EN 61643-11                                                             | Type 3                                               |
| SPD according to IEC 61643-1/-11                                                         | Class III                                            |
| Nominal a.c. voltage ( $U_N$ )                                                           | 120 V                                                |
| Max. continuous operating a.c. voltage ( $U_C$ )                                         | 150 V                                                |
| Max. continuous operating d.c. voltage ( $U_C$ )                                         | 150 V                                                |
| Nominal load current a.c. ( $I_L$ )                                                      | 25 A                                                 |
| Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )                                       | 2 kA                                                 |
| Total discharge current (8/20 $\mu$ s) [L+N-PE] ( $I_{total}$ )                          | 4 kA                                                 |
| Combined impulse ( $U_{OC}$ )                                                            | 4 kV                                                 |
| Combined impulse [L+N-PE] ( $U_{OC total}$ )                                             | 8 kV                                                 |
| Voltage protection level [L-N] ( $U_P$ )                                                 | $\leq 640$ V                                         |
| Voltage protection level [L/N-PE] ( $U_P$ )                                              | $\leq 800$ V                                         |
| Response time [L-N] ( $t_A$ )                                                            | $\leq 25$ ns                                         |
| Response time [L/N-PE] ( $t_A$ )                                                         | $\leq 100$ ns                                        |
| Max. mains-side overcurrent protection                                                   | 25 A gL/gG or B 25 A                                 |
| Short-circuit withstand capability for mains-side overcurrent protection with 25 A gL/gG | 6 kA <sub>rms</sub>                                  |
| Operating temperature range ( $T_U$ )                                                    | -40°C...+80°C                                        |
| Operating state/fault indication                                                         | green / red                                          |
| Number of ports                                                                          | 1                                                    |
| 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 |
| 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                                                                                 | 1 module(s), DIN 43880                               |
| Approvals                                                                                | KEMA, VDE, UL, VdS, CSA                              |
| Weight                                                                                   | 79 g                                                 |
| Customs tariff number                                                                    | 85363030                                             |
| GTIN                                                                                     | 4013364109704                                        |
| 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.