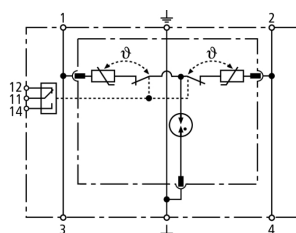


## DR M 2P 30 FM (953 206)

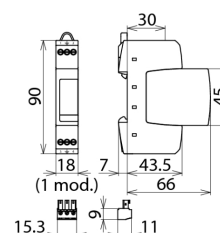
Two-pole surge arrester consisting of a base element and plug-in protection module  
High discharge capacity due to heavy-duty zinc oxide varistor/spark gap combination  
Energy coordination with other arresters of the Red/Line product family



Figure without obligation



Basic circuit diagram DR M 2P 30 FM



Dimension drawing DR M 2P 30 FM

Two-pole surge arrester consisting of a base part and plug-in protection module; with floating remote signalling contact

Type	DR M 2P 30 FM
Part No.	953 206
SPD according to EN 61643-11	Type 3
SPD according to IEC 61643-1	Class III
Nominal a.c. voltage ( $U_N$ )	24 V
Max. continuous operating a.c. voltage ( $U_C$ )	30 V
Max. continuous operating d.c. voltage ( $U_C$ )	30 V
Nominal load current a.c. ( $I_L$ )	25 A
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	1 kA
Total discharge current (8/20 $\mu$ s) [L+N-PE] ( $I_{total}$ )	2 kA
Combined impulse ( $U_{OC}$ )	2 kV
Combined impulse [L+N-PE] ( $U_{OC total}$ )	4 kV
Voltage protection level [L-N] ( $U_P$ )	$\leq 180$ V
Voltage protection level [L/N-PE] ( $U_P$ )	$\leq 630$ 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
Degree of protection	IP 20
Capacity	1 mods., DIN 43880
Approvals, Certifications	KEMA, VDE, UL, VdS, CSA
Type of remote signalling contact	changeover contact
a.c. switching capacity	250 V/0.5 A
d.c. switching capacity	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 <sup>2</sup> solid/flexible
Weight	83,8 g
Customs tariff number	85363010
GTIN	4013364109711
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.