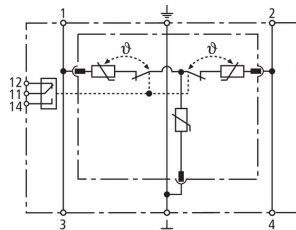


## (953 217)

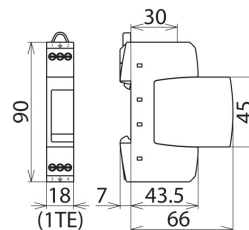
- Two-pole surge arrester consisting of a base part and a plug-in protection module
- High discharge capacity due to heavy-duty zinc oxide varistor / spark gap combination
- Energy coordination with other arresters of the Red/Line product family



Figure without obligation



Basic circuit diagram DR M 2P IT N 230 FM



Dimension drawing DR M 2P IT N 230 FM

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

Type	953 217
Part No.	953 217
SPD according to EN 61643-11 / IEC 61643-11	type 3 / class III
Nominal voltage (a.c.) ( $U_n$ )	230 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-L] ( $U_c$ )	275 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-PE] ( $U_c$ )	440 V (50 / 60 Hz)
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	3 kA
Total discharge current (8 / 20 $\mu$ s) ( $I_{total}$ )	5 kA
Combination wave ( $U_{oc}$ )	6 kV
Voltage protection level [L-L] ( $U_p$ )	$\leq 1250$ V
Voltage protection level [L-PE] ( $U_p$ )	$\leq 1500$ V
Response time [L-L] ( $t_A$ )	$\leq 25$ ns
Response time [L-PE] ( $t_A$ )	$\leq 25$ ns
Max. mains-side overcurrent protection	B 16 A
Short circuit withstand capability for mains-side overcurrent protection with B 16 A ( $I_{SCCR}$ )	6 kA <sub>rms</sub>
Temporary overvoltage (TOV) [L-PE] ( $U_T$ ) – Characteristic	400/ 5 sec. – withstand
Temporary overvoltage (TOV) [L-PE] ( $U_T$ ) – Characteristic	1200 V + UCS / 200 ms. – safe failure
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
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 mm <sup>2</sup> solid / flexible
Weight	NaN
PU	

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.