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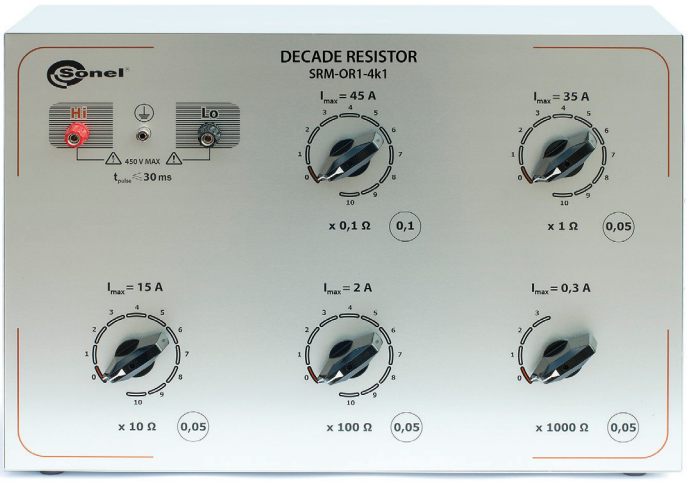
DECADE RESISTOR SRM-0R1-4k1

SRM-1 is designated for imitation and value setting of active resistance of impedance in a short circuit loop- with 230/400 V voltage, 50/60 Hz AC. The required resistance is set by the user by means of decade switches of resistance boxes.



SRM-1 is applied as reference standard equipment for verification and calibration of testers of electrical safety parameters of electric plants in the metrological laboratories. The resistance box characteristics enable to use it also for calibration of the widely spread meters of electrical resistance to direct current

DECADE RESISTOR SRM-3, SRM-6, SRM-9

Resistance boxes of SRM-3, SRM-6, SRM-9 series are designated for provision of wide range of reproducible resistance values, they are distinguished by the gradation based on the amount of the involved decades (3, 6, 9) and correspondingly typical size of the case. At the same time, each model is represented by three design versions that differ from each other by accuracy class. They are designated for application in direct and alternating current circuits.



Resistance boxes of MC series are applied as reference standard equipment for verification and calibration of testers of electrical safety parameters of electric plants. The boxes parameters also enable to apply them for calibration of other types of widely spread electrical resistance meters.

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DECADE RESISTOR SRM-0R1-4k1

TECHNICAL SPECIFICATION		
RANGE	Imax	ACCURACY
10 × 0,1 Ω	45 A	0,1 %
10 × 1 Ω	35 A	0,05 %
10 × 10 Ω	15 A	0,05 %
10 × 100 Ω	2 A	0,05 %
3 × 1 kΩ	0,3 A	0,05 %

ADDITIONAL TECHNICAL SPECIFICATION

Maximum operating voltage . . . . . 450 V
Dimensions . . . . . 500×350×170 mm
Weight . . . . . 10 kg
Operating temperature range . . . . . 10...30 °C
Relative humidity . . . . . 25...60 %
Atmospheric pressure . . . . . 630...800 mm Hg

DECADE RESISTOR SRM-3, SRM-6, SRM-9

TECHNICAL SPECIFICATION									
MODEL				RANGE	Pmax	Imax	ACCURACY		
							TYPE 1	TYPE 2	TYPE 3
SRM-3-01	SRM-6-01		SRM-9-01	10 × 0,1 Ω	5 W	7 A	0,5 %	1 %	1 %
				10×1 Ω	5 W	2,2 A	0,1 %	0, 2%	0,5 %
				10 ×10 Ω	5 W	0,7 A	0,05 %	0,2 %	0,5 %
SRM-3-100		SRM-6-100		10 ×100 Ω	5 W	0,22 A	0,05 %	0,2 %	0,5 %
				10 ×1 kΩ	5 W	0,07 A	0,05 %	0,2 %	0,5 %
				10 ×10 kΩ	5 W	7 mA	0,05 %	0,2 %	0,5 %
SRM-3-100k				10 ×100 kΩ	3 W	5 mA	0,05 %	0,2 %	0,5 %
				10 ×1 MΩ	0,5 W	0,7 mA	0,05 %	0,2 %	0,5 %
				10×10 MΩ	0,5 W	0,2 mA	0,1 %	0,2 %	0,5 %

ADDITIONAL TECHNICAL SPECIFICATION

Dimensions:
SRM-3-X/X . . . . . 290×140×130 mm
SRM-6-X/X . . . . . 540×140×130 mm
SRM-9-X/X . . . . . 470×250×130 mm

Weight:
SRM-3-X/X . . . . . 3 kg
SRM-6-X/X . . . . . 6 kg
SRM-9-X/X . . . . . 9 kg

Operating temperature range . . . . . +10...30 °C
Relative humidity . . . . . 25...60 %
Atmospheric pressure . . . . . 630...800 mm Hg