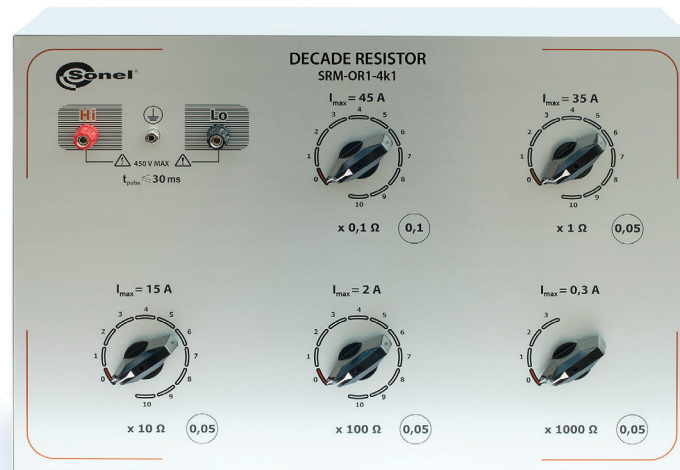


## DECADE RESISTOR SRM-0R1-4k1

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.

## DECADE RESISTOR SRM-0R1-4k1

TECHNICAL SPECIFICATION		
RANGE	I <sub>max</sub>	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	P <sub>max</sub>	I <sub>max</sub>	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		SRM-9-01	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			SRM-9-01	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