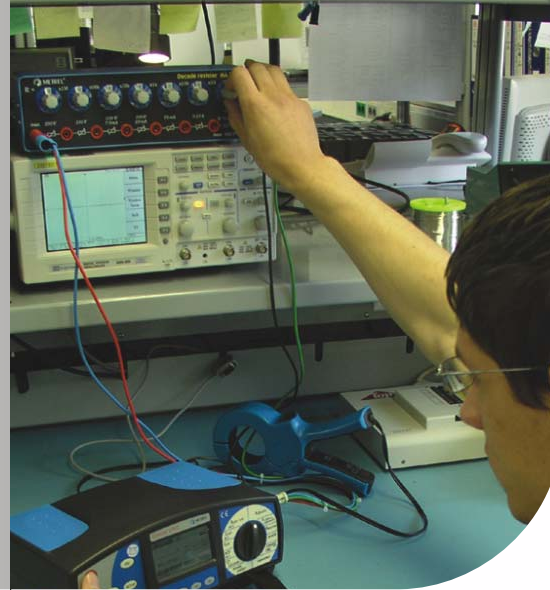


# Decade resistors MA 2115 & MA 2115 S

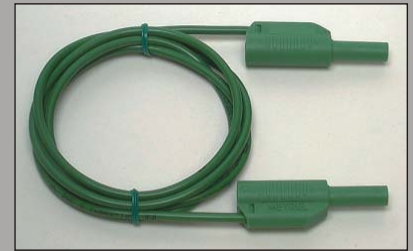


MA 2115 and MA 2115 S Decade resistors are intended for all application areas where variable resistances selected by hand are required. It is passive electric device housed in metallic case. Each consist of 7 decades with each of its setting rotary switch with range multiplier from 0 to 9, and  $\infty$ . Safety 4 mm sockets are connected to each resistance chain that it could be individually accessible. It is also possible to split resistance chain into two or more independent insulated groups by selection of rotary switch position  $\infty$ .

## Technical Specification

Resistance range:	
- standard:	0 to 9 999 999 $\Omega$
- optional on request:	7 decades with possible extension to 9 x 10 M $\Omega$ and/or 9 x 0.1 $\Omega$
Accuracy:	
- individual decade unit:	$\pm 1\% + 0.08 \Omega$
- 9 x 0.1 option:	$\pm 2\% + 0.08 \Omega$
- overall:	$\pm 1\% + 0.4 \Omega$
Maximum ratings:	
- continuous power dissipation:	1 W / resistor
- voltage / current:	marked on front plate
- working voltage to case:	500 V d.c. / a.c. rms
- working voltage in position :	250 V d.c. / a.c. rms
Dimensions (w x h x d):	(267 x 89 x 97) mm
Weight:	0,8 kg
Protection classification:	Class I
Over-voltage category:	CAT III 300 V
Pollution degree:	2
Working temperature range:	(0 to 40) $^{\circ}\text{C}$
Storage temperature range:	-10 $^{\circ}\text{C}$ to 80 $^{\circ}\text{C}$
Max. Humidity:	85 % RH (0 to 40) $^{\circ}\text{C}$

## Measurement accessories



Wire: PVC 0.75 mm;  
 I<sub>max</sub>: 12 A  
 Voltage: 1000 V  
 Standards:  
 EN 61010-1: 90 + A1: 92 + A2: 95  
 EN 61010-2-031: 93

## Test probes 1000 V CAT III



Max. current: 36 A  
 Contact resistance: <5 m $\Omega$   
 Standard: EN 61010-031: 2002/02