Type series RGL

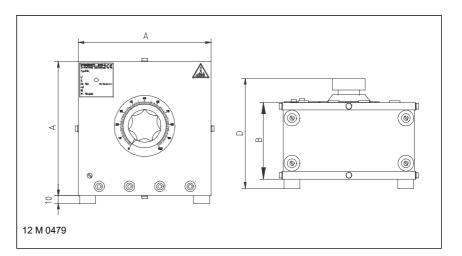# cement coated wirewound resistor with enclosure, 8 W – 250 W

IP 20

RGL 250

Cement coated wirewound resistor in laboratory design, with aluminium coloured varnish, degree of protection IP 20. With safety sockets and rubber feet for usage in standing and lying position.

Technologies

- continuous dissipation up to 250 W
- in laboratory version with knob and scale
- safety sockets 4 mm

The safety sockets form a secure 4 mm plug system together with the adjusted safety plugs, which are protected by rigid insulation coverings. So you cannot touch any blank energised parts. The use of conventional 4 mm plugs is possible; we do not provide a lug connection.

With the usage in lying position there is danger of burning, because the knob is in the heat sector.
The resistance value can be adjusted proportionally between zero and the wanted maximum resistance value by rotation.
The cement coated resistor can be used as voltage divider with three sockets as well as series resistor with two sockets. You have to pay attention to the maximum current of the resistor, depending on type, max. 9 A.
More details and technical description you will find in the chapter "Technical details" beginning with page T403E.

Application

- adjustable load resistors to use as voltage divider or series resistor
- resistors for experimenting and testing in laboratories, schools and universities

Special design

- stepped winding according to the flow of the current
- centre tap and zero position
- three phase version is possible
- enclosure in special varnish

Electrical and mechanical data

Type series	Typical power in W	production range Ω–value	test voltage in kV	dimensions in mm			weight in kg
				A	B	D	
RGL10	8	1,5 – 10k	2	124	100	128	0,59
RGL20	15	2,2 – 15k	2	124	100	128	0,62
RGL40	25	3,9 – 27k	2,5	124	100	132	0,69
RGL100	60	1,2 - 39k	2,5	124	100	136	1,2
RGL150	90	1,5 – 47k	2,5	124	100	136	1,3
RGL250	150	1,8 – 47k	2,5	175	100	144	2,6
RGL500	250	3,3 – 10k	2,5	240	110	167	4,8

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