



Type series R100 / R150
R250 / R500

Cement coated wirewound variable resistors

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size	R100	R150	R250	R500
production range in ohm ± 10%	1,2-39 k	1,5-47 k	1,8-47 k	3,3-10 k
typical power in W at 40° C ambient temperature	120	180	300	500
screw connections	M 4	M 4	M 4	M 5
rotation angle, start to stop	300°			
rotation angle, over winding	286°	286°	291°	290°
line of resistance	linear			
slider	silver-contact			carbon-
excess temperature by nominal power	approx. 285° C			
test voltage in kV, 50 Hz	2,5			
weight approx. g	500	600	1300	2700

basic construction standard shaft length measured from mounting plate is 45 mm	dim.	R100	R150	R250	R500
available special shaft lengths: 25, 33 mm shaft length fitting to switches D57 and D70: 25 mm					
	A B C D E	86 62 98 36 M 4	86 82 98 36 M 4	142 80 153 60 M 4	198 98 210 80 M 5

with attached micro switch with solder connections change over contact 250 V~, 4 A (in special design fast-on connectors 6,3x0,8)	dim.	R100	R150	R250	R500
	A B1 B2 C	86 85 96 108	86 106 117 108	142 94 105 168	198 118 129 225

in 2fold in-line configuration (on request also in 3, 4 or 5fold in-line configuration available)	dim.	R100	R150	R250	R500
RZ... configuration of 2 equal resistors on 1 shaft example: 2 equal resistors (each R100), with different ohmic values (100 and 1k): type: RZ100-100/1k					
	A B C	86 132 108	86 172 108	142 166 168	198 215 225