

Coiled strip resistors type ZO

Data sheet



Construction

- Electric zinc, plated blue steel carrier rail, with ceramic carriers
- Edge-rolled special resistor ribbon
- Welded connectors

Execution

- Standard type with welded connectors
- On request: - with welded or screwed taps
- multiple designs with 2 up to 6 units

Type				ZO.1	ZO.2	ZO.3	ZO.4	ZO.5	ZO.6	ZO.7	ZO.8	ZO.9
Pos.	Charge at $T_U = 20^\circ\text{C}$ und ΔT			Available resistance values*								
	300 °C I_N [A]	400 °C I_N [A]	500 °C I_N [A]									
1	64	80	96	R027	R066	R109	R146	R185	R225	R265	R305	R346
2	47	58	70	R037	R093	R152	R205	R26	R315	R365	R42	R48
3	37	46	56	R052	R13	R21	R285	R36	R44	R51	R59	R67
4	33	41	50	R07	R17	R28	R385	R49	R59	R69	0R8	R91
5	31	38	46	R102	R256	R415	R57	R72	R87	1R01	1R18	1R34
6	28	34	41	R133	R332	R54	R735	R93	1R13	1R32	1R52	1R74
7	24	29	35	R176	R44	R72	R985	1R24	1R5	1R76	2R03	2R31
8	22	27	33	0R2	0R5	0R8	1R1	1R38	1R68	1R97	2R26	2R57
9	17	21	26	0R3	R75	1R2	1R65	2R08	2R52	2R96	3R5	3R86
10	15	18	22	0R4	1R0	1R6	2R2	2R78	3R35	3R94	4R52	5R15
Tolerance				K ($\pm 10\%$), tighter tolerances on request								
Temperature coefficient				Pos.1 + 2: +20 ppm / Pos.3 + 4: +730 ppm / Pos.5 –10: +100 ppm								
Dielectric strength				3 kV / 50 Hz / 1 minute								
Surface temperature				Welded connectors: 600 °C / Screwed connectors: 400 °C								
Dimensions A				118	191	226	338	413	486	560	634	709
B				94	167	242	314	389	462	536	610	685

*Other resistance values on request

