

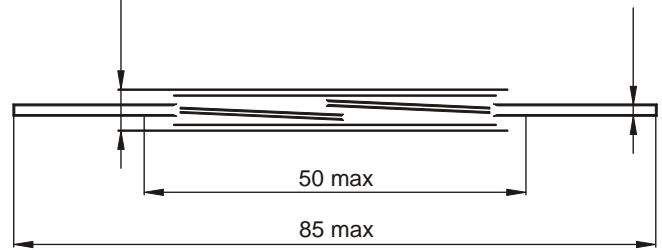
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**Standard reed switch ZW-104**

**This product is in accordance with RoHs**

For switching of inductive loads and halogen lamps.  
 Contact material - plasma deposited tungsten.



all dimensions in mm

PARAMETERS	Unit	TYPE	
		<b>ZW-104</b>	
Contact form		normally open	
Switching power	max W, VA	180	
Switching current	max A	3 (7*)	
Carry current	max A	5	
Switching voltage	max V <sub>DC</sub>	300	400**
Switching voltage	max V <sub>AC</sub>	230	250**
Pull-in Ampere turns	AT	40 ÷ 60	60 ÷ 110
Contact resistance	max mΩ	150***	
Operate time incl. bounce time	max ms	2.5	
Release time	max ms	0.2	
Breakdown voltage	min V <sub>DC</sub>	400	600
Capacitance	max pF	0.8	
Insulation resistance	min Ω	10 <sup>10</sup>	
Environment category acc. to IEC 68-1		55/100/10	
Operating life tested with resistive loads Load 100 V <sub>DC</sub> , 1 A		1x10 <sup>6</sup> operations	
Test coil - No. of turns - Dimensions - Resistance	mm Ω	CP-11 10000 φ0.09 φ 7.6x50 850	acc. Polish Standard PN-75/T-04400

\* Current rush within max 2ms.

\*\* Over 230 V<sub>AC</sub> or 300 V<sub>DC</sub> the arc discharge may deteriorate the contact layer. Therefore the switching current should be reduced for example to 2 mA at the 250 V<sub>AC</sub> or 400 V<sub>DC</sub>.

\*\*\* Contact resistance is measured with an open contact voltage of 36V and the current through the closed contacts of 50 mA, using the 4-point method.