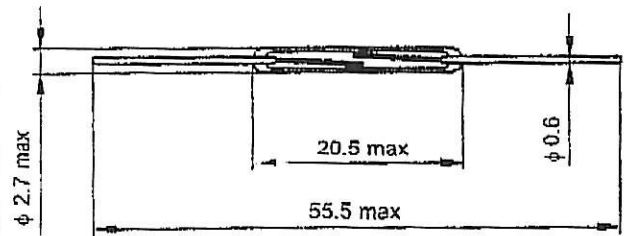


Miniature reed switch ZM-109/I



all dimensions in mm

PARAMETERS	Unit	TYPE	
		ZM-109/I	
Contact form		normally open	
Switching power	max W, VA	50	
Switching current	max A	0.5	
Carry current	max A	1.5	
Switching voltage	max V_{DC}	250	
Switching voltage	max V_{AC}	230	
Pull-in Ampere turns	AT	10 ÷ 30	20 ÷ 60
Breakdown voltage	min V_{DC}	400*	
Contact resistance	max $m\Omega$	150	
Operate time incl. bounce time	max ms	1	
Release time	max ms	0.1	
Capacitance	max pF	0.5	
Insulation resistance	min Ω	10^9	
Environment category acc. to IEC 68-1		55/100/10	
Operating life tested with resistive loads			
Load 1 100 V_{DC} , 500 mA		0,5x10 ⁶ operations	
Load 2 20 V_{DC} , 500 mA		3x10 ⁶ operations	
Load 3 5 V_{DC} , 100 μ A		100x10 ⁶ operations	
Test coil		CP-14	
- No. of turns		10000 ϕ 0.06	
- Dimensions	mm	ϕ 4.2x19	
- Resistance	Ω	1400	

* Against inquiry: Breakdown voltage 500 V_{DC} for 40 ÷ 60 pull-in ampere turns.