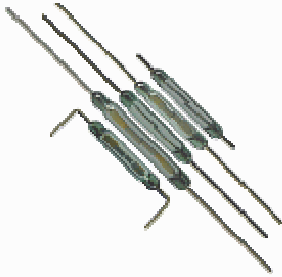




Miniature reed switches

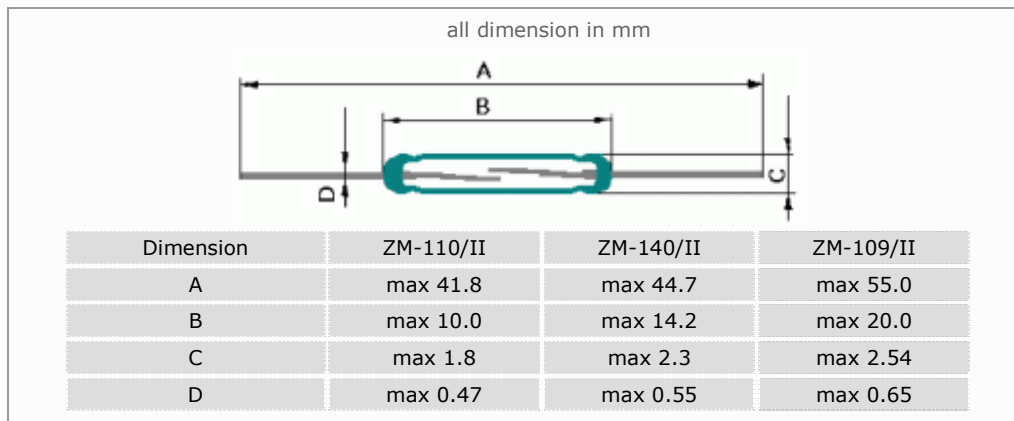


Miniature reed switches apply to connect small and medium power. The high sensitivity (Pull-in Ampere turns) of miniature reed switches allows to apply of permanent magnet. For contact's materials of miniature reed switches are used Rutenium. "DOLAM" S.A. produces three types of miniature reed switches:

- ZM-110/II
- ZM-140/II
- ZM-109/II

Parameters of miniature reed switches are tested in standard coil [CP-14](#).

Dimension of miniature reed switches



Technical parameter specification of miniature reed switches

Technical data		Unit	Type of reed switch				
			ZM-110/II	ZM-140/II		ZM-109/II	
Contact form			normally open (type A)				
Switching power	max	W	10	10		10	
Switching current	max	A	0.5				
Switching voltage dc	max	V _{dc}	150	100		180	
Pull-in Ampere turns		AT	10÷30	10÷20	20÷35	10÷20	20÷40
Breakdown voltage	min	V _{dc}	200	200	250	220	280
Contact resistance	max	mΩ	150	100		150	
Operate time	max	ms	0.5	1		1	
Release time	max	ms	0.3	0.4		0.3	
Capacitance	max	pF	0.5	0.7		0.5	
Insulation resistance	min	Ω	10 ⁹				
Resonant frequency	min	Hz	5000	4000		2600	