Reed Switch - Standard & Miniature Switches

- **Rhodium contacts for stable low contact resistance**
- **Tungsten contacts for high voltage or inrush**
- **High reliability versions**
- **Controlled switching environment**

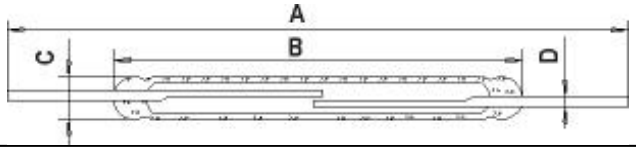
Form A

This range of reed switches - ideally suited for moderate current and voltage applications.

Click here for Application Notes

-			Standard size Normally Open						Miniature
			Standard	High Power			High Voltage		
Parameters	-	**Type**	**DRA200G**	**DRA282G**	**DRA283**	**DRA500H**	**DTA500H**	**DTA810H**	**MRA560G**
Contact form	-	-	A	A	A	A	A	A	A
Contact material	-	-	Rh	Rh	Rh	Rh	T	T	Rh
Switching capacity	max.	W/VA	80	120	250	25	50	50	100
Switching voltage	max.	VAC/DC	250	250	250	500	1000	7500	1000
Switching current	max.	A	1.3	*3.0	*5.0	1.5	2.5	3.0	1.0
Carrying current	max.	A	2.0	5.0	5.0	-	-	-	2.5
Dielectric strength	min.	VDC	800	800	575	2500	2500	10000	1500
Initial Contact resistance	max.	mOhms	80	80	100	100	100	100	100
Insulation resistance	min.	Ohms	10^{11}	10^{11}	10^{10}	10^{8}	10^{8}	10^{10}	10^{10}
Operate sensitivity	range	AT	75 ... 95	75 ... 95	60 ... 120	60 ... 100	60 ... 100	100 ... 150	20...40
Release sensitivity	min.	AT	25	33.5	-	16	25	46	5
Operate time including bounce	max.	ms	4.0	3.5	5.0	3.0	3.0	3.0	1.1
Bounce time	max.	ms	0.5	0.5	1.0	0.5	0.5	1.0	0.5
Release time	max.	ms	0.20	0.20	0.2	1.5	1.5	1.0	0.05
Resonant frequency	typ.	Hz	900	900	900	-	-	-	2500
Operating frequency	max.	Hz	100	100	-	-	-	-	500
Vibration	35 g	Hz	500	500	-	-	-	-	2000
Shock	11ms	g	50	50	-	-	-	-	30
Capacitance	typ.	pF	0.8	0.8	0.6	0.8	1.5	1.0	0.5
Operating temperature	range	°C	-40...+150			0/+125			-40...+150
Dimensions									
Overall length	A max.	mm	79	79	84	82	82	82	56
Glass length	B max.	mm	52	52	51	51	51	54	21
Glass diameter	C max.	mm	5.4	5.4	5.4	5.5	5.5	†5.5	2.8
Wire diameter	D nom.	mm	2.5x0.5	2.5x0.5	2.5x0.5	2.5x0.5	2.5x0.5	2.5x0.5	0.60

*** Reduced life at high current.**
† Plus Glass Pip 5.9 max.



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