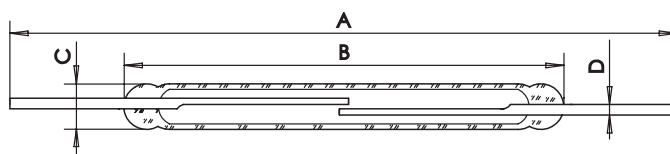


S.T.G.-Type OKI-Type		NORMALLY OPEN								
		SMD		MOULDED		MICROMINIATURE				
		4213	4228	6213	6228	0213	0311	0211	0312	0219
Parameters		ORD213S-1	ORD228S-1	RA-903	RA-901	ORD 213	ORD 311	ORD 211	ORD 312	ORD 219
Contact form		A	A	A	A	A	A	A	A	A
Contact material		Rh	Rh	Rh	Rh	Rh	Ir	Rh	Ir	Rh
Switching capacity	max. W/VA	1	10	1	10	1	10	1	30	10
Switching voltage	max. V AC/DC	24	100	24	100	24	100	24	100	100
Switching current	max. A	0,1	0,5	0,1	0,5	0,1	0,5	0,1	0,5	0,5
Carrying current	max. A	0,3	1,0	0,3	1,0	0,3	1,0	0,3	1,0	1,0
Dielectric strength	min. VDC	150	150	150	200	150	250	150	250	150
Contact resistance	max. mΩ	200	100	200	100	200	200	100	100	100
Insulation resistance	min. Ω	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ⁹
Pull-in sensitivity	AT	10...40	10...50	15...45	15...50	10...40	10...30	10...40	10...30	10...30
Drop-out sensitivity	min. AT	5	5	10	10	5	5	5	5	5
Switching time without bounce	max. ms	0,3	0,4	0,3	0,4	0,3	0,3	0,3	0,4	0,4
Bounce time	max. ms	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Release time	max. ms	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05
Resonant frequency	typ. Hz	11000	5000	13000	5400	11000	13000	7500	5900	5900
Operating frequency	max. Hz	500	500	500	500	500	500	500	500	500
Vibration	20 g Hz	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000	10-1000
Shock	11 ms g	30	30	30	30	30	30	30	30	30
Capacitance	typ. pF	0,4	0,3	0,4	0,3	0,4	0,4	0,2	0,3	0,3
Operating temperature range	°C	-40 ... +125								
Test coil	Type					0211	0211	0211	0221	0221
Features		Super ultra miniature SMD	Miniature high performance SMD	Ultra miniature SMD	Miniature SMD	Super ultra miniature	Super ultra miniature, long life	Ultra miniature	High power, long life	Miniature high performance

Dimensions

Total length	A max. mm	13,0	20,0	13,0	20,0	36,1	36,1	36,0	45,0	45,0
Glass length	B max. mm	7,0	14,0	8,7	16,2	7,0	7,0	10,0	12,0	12,0
Glass diameter	C max. mm	1,8	2,2	2,2 x 2,2	2,6 x 2,6	1,8	1,8	2,0	2,0	2,0
Wire diameter	D max. mm	0,30	0,50	0,30	0,50	0,30	0,30	0,40	0,50	0,50

Additional types on request



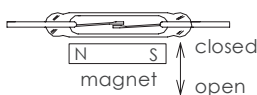
Form A

Actuation of Reed Switches with a Permanent Magnet

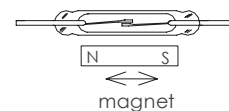
Examples of switching with the use of a moving magnet

Direct Actuation:

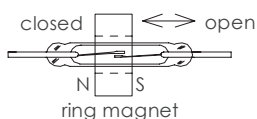
A magnet moved perpendicularly towards and away from a Reed Switch turns it off and on one time.



A magnet moved parallel to a Reed Switch operates it from one to three times.



A ring magnet moved parallel to the Reed Switches axis operates it from one to three times.



A magnet swung towards and away from a Reed Switch operates it one time.

