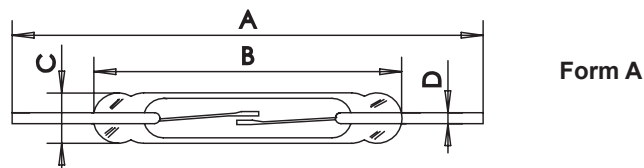


		NORMALLY OPEN							
		MINIATURE					COMPACT		
S.T.G.-Type		3723	3715	3717	9210	0229	3823	3817	
OKI-Type					ORD2210V	ORD 229			
Parameters									
Contact form		A	A	A	A	A	A	A	
Contact material		Rh	Rh	Rh	Rh	Rh	Rh	Rh	
Switching capacity	max. W/VA	40	40	40	100	50	60	60	
Switching voltage	max. V AC/DC	230	230	400	300/350	300	230	400	
Switching current	max. A	2,0	2,0	2,0	1,0	0,5	3,0	3,0	
Carrying current	max. A	3,0	3,0	3,0	2,5	2,5	4,0	4,0	
Dielectric strength	min. VDC	400	500	1000	1000	500	400	850	
Contact resistance	max. mΩ	80	100	80	100	100	80	80	
Insulation resistance	min. Ω	10 ¹¹	10 ¹¹	10 ¹¹	10 ¹⁰	10 ¹⁰	10 ¹¹	10 ¹¹	
Pull-in sensitivity	AT	30...70	30...70	30...70	20...60	20...60	30...70	30...70	
Drop-out sensitivity	min. AT	15	15	15	7	6	15	15	
Switching time without bounce	max. ms	2,0	2,0	2,0	0,6	0,6	2,5	2,5	
Bounce time	max. ms	0,5	0,5	0,5	0,5	0,5	0,5	0,5	
Release time	max. ms	0,10	0,10	0,10	0,05	0,05	0,10	0,10	
Resonant frequency	typ. Hz	4200	4200	4200	2500	2500	2400	2400	
Operating frequency	max. Hz	300	300	300	500	500	200	200	
Vibration	20 g Hz	35g/2000	35g/2000	35g/2000	10-1000	10-1000	35g/1000	35g/1000	
Shock	11 ms g	50	50	50	30	30	50	50	
Capacitance	typ. pF	0,5	0,5	0,5	0,5	0,5	0,5	0,5	
Operating temperature range	°C	-40...+150			-40...+125		-40...+150		
Test coil	Type	1700	1700	1700	0221	0221	1800	1800	
Features		High power, close differential	High power	High power	Vacuum, high power	High breakdown voltage	High power, close differential	High power	

Dimensions

Total length	A max.	mm	55,0	55,0	55,0	56,0	56,0	55,0	55,0		
Glass length	B max.	mm	19,0	19,0	19,0	21,0	21,0	24,5	24,5		
Glass diameter	C max.	mm	2,6	2,6	2,6	2,75	2,75	3,8	3,8		
Wire diameter	D max.	mm	0,70	0,70	0,70	0,60	0,60	0,80	0,80		

Additional types on request



Form A

Life Expectancy:

The life expectancy of a Reed Switch is about 10⁵...10⁶ switching cycles with maximum power. With a low load the life expectancy can reach 5x10⁸ operations. The mechanical life expectancy can reach at least 10⁹ operations. Through the switching of inductive, capacitive and lamp loads, the life expectancy is considerably reduced due to exceeding the specified maximum current.

In General:

For all Reed Switches the standard pull-in sensitivity is given in the table. Other pull-in sensitivities are available on request.

Normally Closed and Bistable Reed Switches:

All Reed Switches are available in a normally closed or bistable version.

Pull-In Sensitivity Tolerance:

The given pull-in sensitivity of the Reed Switch has a test equipment tolerance of ± 2 AT.