


Keyboard, RF and economy reed switches

THE FOLLOWING SPECIFICATIONS ARE TYPICAL FOR 50 AT SWITCHES:†

	KEYBOARD REED SWITCHES			RADIO FREQUENCY			ECONOMY REED SWITCHES		
SPECIFICATIONS	MARK-3	MARK-4	MARK-6	MSRF-2	MTRF-2	MRMF-2	MSRL-2	MLC-DT	DLC-DT
Contact Arrangement	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPDT Form C	SPDT Form C
C = Center Gap O = Off-Center Gap	C	C	O	C	O	C	C	O	O
Contact Rating Watts—DC Max.	3	3	3	.3	.3	.3	10	3	10
Switching Voltage Volts—DC Max.	28	28	28	28	28	28	100	28	200
Maximum Current Amps—DC Resistive	.100	.100	.100	.010	.010	.010	.500	.110	.500
Initial Contact Resistance—Max. Ohms	.150	.150	.150	.150	.150	.100	.250	.500	.100
Breakdown Voltage* DC Minimum	300	200	250	250	250	250	400	250	350
Capacitance—Pf	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	3.0
Insulation Resistance Ohms—Internal	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ⁹	10 ⁸
Stock Ampere Turn Pull-in Range	17.5— 52.5	17.5— 52.5	17.5— 52.5	27.5— 52.5	27.5— 62.5	27.5— 62.5	20— 60	15— 45	35— 115
Drop Out Characteristics*	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Actuating Time—Average Milliseconds—Incl. Bounce*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	N.O. 1.0 N.C. 1.5	N.O. 2.0 N.C. 5.0
Engineering Bulletin No.	B-31216	B-21105	B-21106	B-41214	B-21103	B-41262		B-41155	B-51410
Standard Test Coil	L-4989	L-4989	L-4989	L-4989	L-4989	L-4989	L-4989	L-4989	L-4988

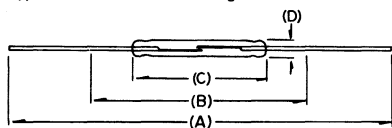
* Ask for Engineering Bulletin for more specific information.
• Not available at time of publication.

DIMENSIONS									
(A) Overall Length—Nom.	1.775(45.1)	1.235(31.4)	2.125(54.0)	2.230(56.6)	2.125(54.0)	2.230(56.6)	2.250(57.0)	2.125(54.0)	3.375(85.7)
(B) Trim Length—Min.	.875(22.2)	.725(18.4)	.685(17.4)	.955(24.3)	.760(19.3)	.955(24.3)	.925(23.5)	.735(18.7)	1.687(42.8)
(C) Glass Length—Max.	.750(19.1)	.600(15.2)	.560(14.2)	.830(21.1)	.635(16.1)	.830(21.1)	.800(20.3)	.610(15.5)	1.562(39.7)
(D) Glass Diameter—Max.	.105(2.7)	.105(2.7)	.105(2.7)	.102(2.6)	.092(2.3)	.130(3.3)	.090(2.3)	.130(3.3)	.218(5.5)

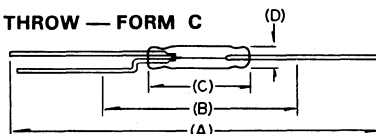
† Some parameters listed above are subject to change in other pull-in values.

SINGLE POLE SINGLE THROW — FORM A

Typical MSR size and configuration


SINGLE POLE DOUBLE THROW — FORM C

Typical MLC-DT size and configuration


SINGLE POLE DOUBLE THROW — FORM C

Typical DLC-DT size and configuration

