


Form A and C magnetic reed switches

THE FOLLOWING SPECIFICATIONS ARE TYPICAL FOR 50 AT SWITCHES:†

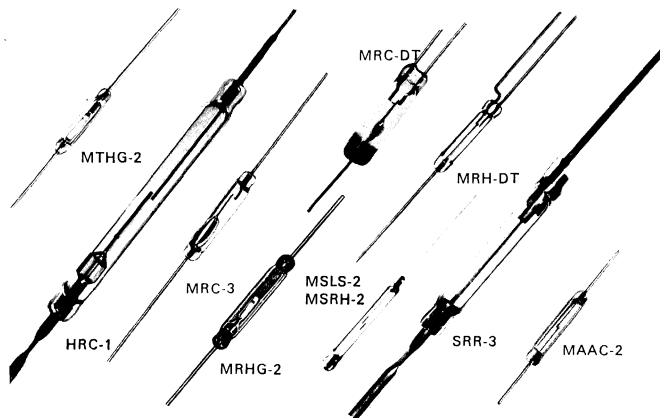
SPECIFICATIONS	MERCURY-WETTED			INSTRUMENT GRADE "SPECIAL" REED SWITCHES			
	MRC-3	MRC-DT	HRC-1	MSRH-2	MRH-DT	SRR-3	MAAC-2
Contact Arrangement	SPST Form A	SPDT Form C	SPST Form A	SPST Form A	SPDT Form C	SPST Form A	SPST Form A
C = Center Gap O = Off-Center Gap	O	O	C	C	O	O	C
Contact Rating Watts—DC Max.	28	14	50	10	3	10	1
Switching Voltage Volts—DC Max.	100	28	400	200	28	250	12
Maximum Current Amps—DC Resistive	1.0	.500	3.0	.500	.250	.500	.100
Initial Contact Resistance—Max. Ohms	.050	.050	.050	.100	.150	.075	.250
Breakdown Voltage* DC Minimum	1,000	1,000	1,000	250	250	1,000	300
Capacitance—Pf	0.3	.075	•	0.2	0.8	3.0	0.2
Insulation Resistance Ohms—Internal	10 ¹²	10 ¹²	5 X 10 ⁸	10 ¹⁰	10 ⁹	10 ¹²	10 ¹⁰
Stock Ampere Turn Pull-in Range	65	70	57.5— 132.5	17.5— 52.5	20— 60	110 Max.	17.5— 52.5
Drop Out Characteristics *	Wide	Wide	Wide	Normal	Normal	Normal	Wide
Actuating Time—Average Milliseconds—Incl. Bounce *	1.5	N.O. 0.3 N.C. 0.5	2.0	1.0	N.O. 1.0 N.C. 1.5	1.0	1.0
Engineering Bulletin No.	B-71510	B-71511	•	B-31206	B-21152	B-51401	B-31217
Standard Test Coil	L-4989	L-4990	L-4988	L-4989	L-4989	L-4990	L-4989

DIMENSIONS

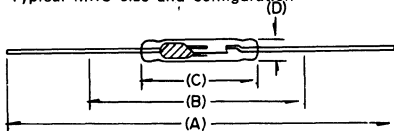
 * Ask for Engineering Bulletin for more specific information.
• Not available at time of publication.

(A) Overall Length—Nom.	2.250(57.0)	1.500(38.1)	3.250(82.6)	2.230(56.6)	2.125(54.0)	3.185(81.2)	1.775(45.1)
(B) Trim Length—Min.	.835(21.2)	.930(23.6)	2.400(62.0)	.925(23.5)	.735(18.7)	2.012(51.1)	.925(23.5)
(C) Glass Length—Max.	.710(18.0)	.805(20.4)	1.950(49.5)	.800(20.3)	.610(15.5)	1.562(39.7)	.800(20.3)
(D) Glass Diameter—Max.	.130(3.3)	.214(5.4)	.218(5.5)	.105(2.7)	.130(3.3)	.218(5.5)	.105(2.3)

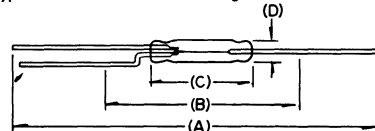
† Some parameters listed above are subject to change in other pull-in values.


SINGLE POLE SINGLE THROW — FORM A

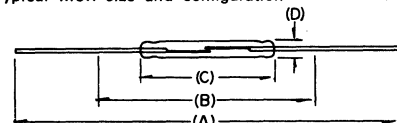
Typical MRC size and configuration


SINGLE POLE DOUBLE THROW — FORM C

Typical MR-DT size and configuration


SINGLE POLE SINGLE THROW — FORM A

Typical MSR size and configuration


SINGLE POLE DOUBLE THROW — FORM C

Typical MRC-DT size and configuration

