



Form C reed switches

THE FOLLOWING SPECIFICATIONS ARE TYPICAL FOR 50 AT SWITCHES:†

100 AT SWITCHES:†

SPECIFICATIONS	DRY REED FORM C					MERCURY-WETTED FORM C		
	MINI-DT	MRH-DT	MRG-DT	MLC-DT	MRC-DT	DLC-DT	DRR-DTH	DRT-DTH
Contact Arrangement	SPDT Form C	SPDT Form C	SPDT Form C	SPDT Form C	SPDT Form C	SPDT Form C	SPDT Form C	SPDT Form C
C = Center Gap O = Off-Center Gap	O	O	O	O	O	O	O	O
Contact Rating Watts—DC Max.	.1	3	3	3	14	10	10	20
Switching Voltage Volts—DC Max.	10	28	28	28	28	200	250	500
Maximum Current Amps—DC Resistive	.010	.250	.250	.110	.500	.500	.500	1.5
Initial Contact Resistance—Max. Ohms	.200	.150	.150	.500	.050	.100	.075	.150
Breakdown Voltage* DC Minimum	200	250	250	250	1,000	350	1,000	1,000
Capacitance—Pf	0.1	0.8	0.8	0.8	.075	3.0	3.0	3.0
Insulation Resistance Ohms—Internal	10 ⁹	10 ⁹	10 ⁹	10 ⁹	10 ¹²	10 ⁸	10 ⁸	10 ⁸
Stock Ampere Turn Pull-in Range	15— 40	20— 60	20— 60	15— 45	70	35— 115	50— 115	60— 115
Drop Out Characteristics *	Normal	Normal	Normal	Normal	Wide	Normal	Normal	Normal
Actuating Time—Average Milliseconds—Incl. Bounce *	N.O. 0.3 N.C. 0.4	N.O. 1.0 N.C. 1.5	N.O. 1.0 N.C. 1.5	N.O. 1.0 N.C. 1.5	N.O. 0.3 N.C. 0.5	N.O. 2.0 N.C. 5.0	N.O. 2.0 N.C. 5.0	N.O. 2.0 N.C. 4.0
Engineering Bulletin No.	B-11052	B-21152	B-21151	B-41155	B-71511	B-51410	B-51408	B-51407
Standard Test Coil	L-4991	L-4989	L-4989	L-4989	L-4990	L-4988	L-4988	L-4988

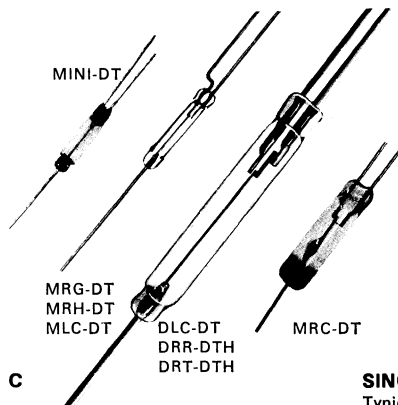
* Ask for Engineering Bulletin for more specific information.
* Not available at time of publication.

DIMENSIONS

(A) Overall Length—Nom.	1.385(35.2)	2.125(54.0)	2.125(54.0)	2.125(54.0)	1.500(38.1)	3.375(85.7)	3.375(85.7)	3.375(85.7)
(B) Trim Length—Min.	.600(15.2)	.735(18.7)	.735(18.7)	.735(18.7)	.930(23.6)	1.687(42.8)	1.687(42.8)	1.687(42.8)
(C) Glass Length—Max.	.475(12.1)	.610(15.5)	.610(15.5)	.610(15.5)	.805(20.4)	1.562(39.7)	1.562(39.7)	1.562(39.7)
(D) Glass Diameter—Max.	.110x.072*(2.8x1.8)	.130(3.3)	.130(3.3)	.130(3.3)	.214(5.4)	.218(5.5)	.218(5.5)	.218(5.5)

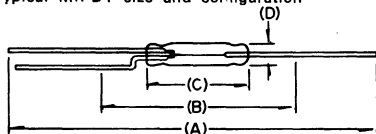
† Some parameters listed above are subject to change in other pull-in values.

* Oval Envelope



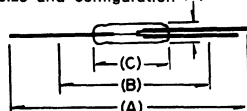
SINGLE POLE DOUBLE THROW — FORM C

Typical MR-DT size and configuration



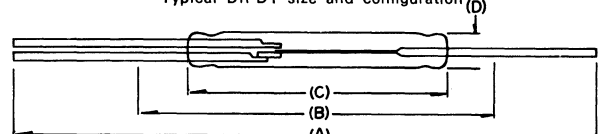
SINGLE POLE DOUBLE THROW — FORM C

Typical MINI-DT size and configuration (D)



SINGLE POLE DOUBLE THROW — FORM C

Typical DR-DT size and configuration (D)



SINGLE POLE DOUBLE THROW — FORM C

Typical MRC-DT size and configuration (D)

