



High voltage/high current reed switches

THE FOLLOWING SPECIFICATIONS ARE TYPICAL:†

SPECIFICATIONS	HIGH VOLTAGE				HIGH CURRENT	
	MRO-2	DRVT-10	DRVT-20	DRVT-30	SRT-2	DRHC-5
Contact Arrangement	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A	SPST Form A
C = Center Gap O = Off-Center Gap	C	C	O	O	O	O
Contact Rating Watts—DC Max.	1	50	50	50	110 V.A.	624 V.A.
Switching Voltage Volts—DC Max.	1,000	7,500	17,500	27,500	28 V.D.C./ 110 V.A.C.	250 V.D.C./ 240 V.A.C.
Maximum Current Amps—DC Resistive	.001	3.0	.004	.001	1.0	3.0
Initial Contact Resistance—Max. Ohms	.100	.080	.100	.250	.500	—
Breakdown Voltage * DC Minimum	2,000	10,000	20,000	30,000	300	600
Capacitance—Pf	0.2	0.8	0.8	0.8	0.8	0.1
Insulation Resistance Ohms—Internal	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ⁸	10 ⁸
Stock Ampere Turn Pull-in Range	32.5— 62.5	100— 150	250 Max.	500 Max.	57.5— 132.5	Consult Engr. Bulletin For Further Information On Pull-in
Drop Out Characteristics *	Close	Normal	Normal	Normal	Close	
Actuating Time—Average Milliseconds—Incl. Bounce *	1.0	2.0	20.0	20.0	3.0	5.0
Engineering Bulletin No.	B-41251	B-61358	B-61360	B-61361	B-51310	B-51362
Standard Test Coil	L-4989	L-4990	L-4990	L-8080	L-4988	L-4988

DIMENSIONS

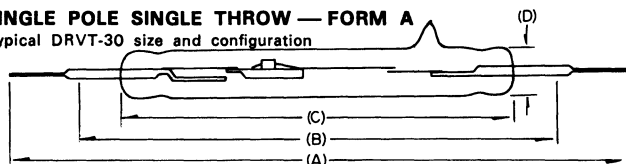
* Ask for Engineering Bulletin for more specific information.
* Not available at time of publication.

(A) Overall Length—Nom.	2.230 (56.6)	3.250 (82.8)	3.195 (82.8)	3.550 (90.2)	3.375 (85.7)	3.375 (85.7)
(B) Trim Length—Min.	.925 (23.5)	2.400 (61.3)	2.400 (61.3)	2.750 (69.9)	1.960 (49.8)	1.960 (49.8)
(C) Glass Length—Max.	.800 (20.3)	1.950 (49.5)	1.950 (49.5)	2.295 (58.3)	1.610 (40.9)	1.610 (40.9)
(D) Glass Diameter—Max.	.130 (3.3)	.218 (5.5)	.218 (5.5)	.290 (7.4)	.195 (5.0)	.207 (5.6)

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

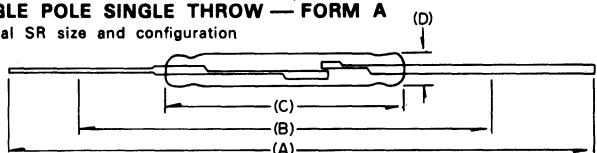
SINGLE POLE SINGLE THROW — FORM A

Typical DRVT-30 size and configuration



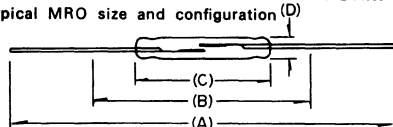
SINGLE POLE SINGLE THROW — FORM A

Typical SR size and configuration



SINGLE POLE SINGLE THROW — FORM A

Typical MRO size and configuration



SINGLE POLE SINGLE THROW — FORM A

Typical DRVT-10-20 size and configuration

