High Power						Radio Frequency			Bi-Stable Latcher	
HSR-156	HSR-196	HSR-V207	HSR-634	HSR-834	HSR-V933	HSR-1015RF	HSR-V100RF	HSR-V180RF	HSR-302BSL	HSR-638BSL
SPST	SPST	SPST	SPDT	SPDT	SPDT	SPST	SPST	SPST	SPDT	SPDT
W[6]	W[6]	W[6]	W[6]	W[6]	W[6]	R[7]	R[7]	R[7]	R	R
A-2	A-1	A-3	C-2	C-2	C-3	A-1	A-1	A-1	C-4	C-5
120 120	120 120	2500 240	120 120	500 240	500 240	N/A 200VAC	N/A 220VAC	N/A 500VAC	120	150
3.0	3.0	3.0	3.0	3.0	3.0	0.5 RF AMP	1.0 RF AMP	1.5 RF AMP	0.2	1
100*	100*	200*	100*	100*	100*	10VA	10VA	25VA	4	25
700	600	10000	150	1000	1500	400	1500	5000	250	250
0.5	0.5	0.5	0.5	0.5	0.5	0.15	0.15	0.1	0.15	0.10
10^{10}	10^{9}	10^{11}	10^{10}	10^{8}	10^{10}	10^{11}	10^{10}	10^{11}	10^{10}	10^{10}
50/100	50/100	100/150	60/100	60/100	40/100	15/40	15/40	60/125	10/50	20/50
III	IV	III	IV	IV	III	II	II	III	Special	III
4.0	3.2	4.6	4.0	4.5	4.2	0.70	1.4	3.0	N/A	N/A
-40 +125	-40 +125	-60 +125	-40 +125	-25 +125	-60 +125	-40 +125	-60 +125	-60 +125	-20 +40	-20 +40
3.220	3.225	3.225	3.385	3.385	2.820	2.090	2.185	3.225	1.930	3.390
1.630	2.005	2.005	1.315	1.290	1.305	0.795	0.800	2.100	0.580†	1.290‡
0.190	0.210	0.210	0.210	0.210	0.210	0.101	0.110	0.212	0.120†	0.210
0.056	.021x.098	.021x.098	0.040	0.040	0.040	0.023	0.023	0.051	0.023	0.040
1.425	1.615	1.615	1.500	1.500	1.500	1.045	1.095	1.615	1.030	1.500

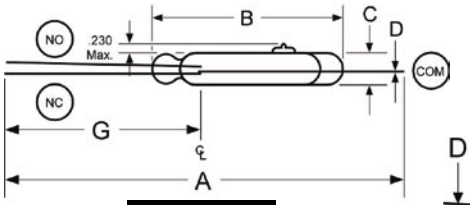


FIGURE C-3

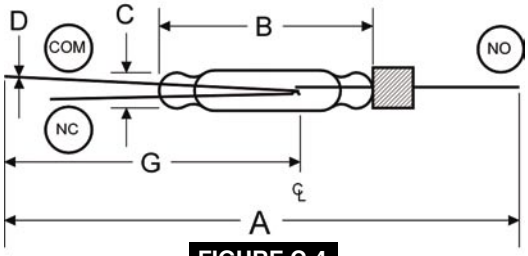
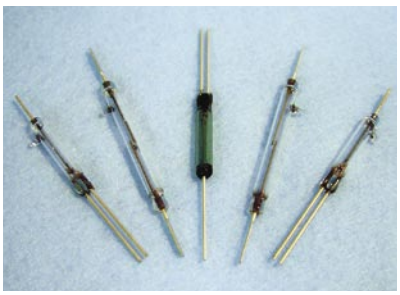


FIGURE C-4



Lead Configurations

Various lead configurations are available. Contact factory for more information.

Sensitivity Ranges

The standard sensitivity ranges are listed in the chart on the left. Smaller ranges within the listed "Standard Range" are also available.

Applications

Some of the applications for the switches on these 2 pages include: airplane controls, fluid level sensing, elevator controls, nuclear reactor rod position sensing, valve position controls, and radio relays.

Notes

1. R-Rhodium; D-Durel; W-Tungsten; Ru-Ruthenium
2. Dielectric Strength (voltage breakdown) varies with sensitivity. Consult factory for application information.
3. Insulation Resistance Test Voltage - 100 VDC
4. Measured at 60 Hz, 50% Overdrive.
5. Consult factory for AC Rating
6. Solid Tungsten Bar and Plate Contacts
7. Intended for Radio Frequency (thru 30 MHz)
8. Special Release Sensitivity and/or Differential is available on most models.

* 3.0 Watts Minimum

† A magnet is placed next to glass making overall glass/magnet length 0.715 in and a glass/magnet diameter of 0.145 in.

‡ A magnet is placed next to glass making overall glass/magnet length 1.790 in.

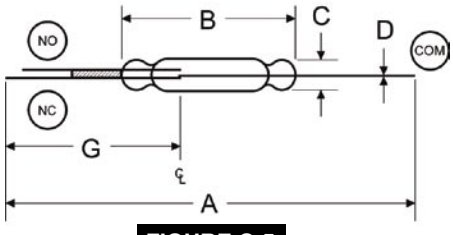


FIGURE C-5