

Item Number HSR-933W Series Contact Form C Switch Configuration SPDT Rev. N

**Form C High Voltage and High Power Switch**

Features	Advantages
<ul style="list-style-type: none"> <li>• UL Recognized component</li> <li>• Vacuum sealed Tungsten contacts</li> <li>• Materials are Lead free and RoHS compliant</li> <li>• Rated to switch 220 VAC</li> </ul>	<ul style="list-style-type: none"> <li>• Extended operations in extreme environments</li> <li>• Not ESD sensitive</li> <li>• Excellent performance under inductive or capacitive loads</li> <li>• Note: Requires a 3W minimum load</li> </ul>

**Electrical Specifications**

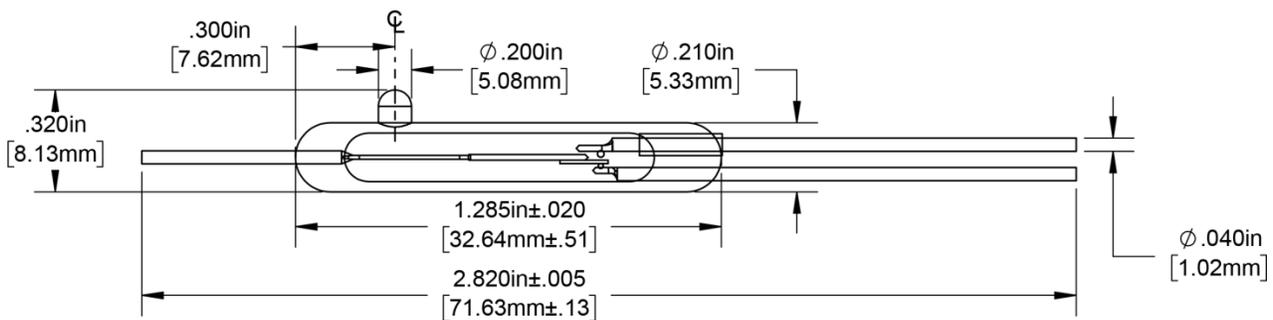
Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	500
	Breakdown	VDC - minimum	1500
Current	Switching	Amp - maximum	4.0
	Carry	Amp - maximum	3.0
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E10
Capacitance	Contact	pF - typical	3.0
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

**Magnetic Specifications**

Pull - In Range		Ampere Turns	40-100
Test Coil		NARM RS-421-A	Coil III

**Physical/Operational Specifications**

Capsule Volume	Excluding Leads	CC - nominal	0.73
Contact Material			Tungsten
Operate Time	Including Bounce	mSeconds - maximum	4.20
Release Time		mSeconds - maximum	3.70



**Notes:**

- (1) Specifications are not constant across entire magnetic range.
- (2) Customer must exercise care in handling, mounting, lead forming, and cutting to prevent damage to glass capsule and/or switch sensitivity.
- (3) For information about performance, custom configurations, mounting options or packaging contact our Sales department.
- (4) Information contained hereon is for informational purposes only and should not be deemed as accurate for a specific application. Consult factory for specific application information and/or latest revision.