

Part Number HSR-834W Contact Form C Switch Configuration SPDT Rev. G

### High Power Pressurized Switch

Features	Advantages
<ul style="list-style-type: none"> <li>• Hermetically sealed contact</li> <li>• Pressurized internal environment</li> <li>• Solid Tungsten contacts</li> <li>• Switch materials are Lead free and RoHS compliant</li> <li>• UL recognized component</li> </ul>	<ul style="list-style-type: none"> <li>• Not ESD sensitive</li> <li>• Capable of switching power loads between 3 and 100 watts</li> <li>• Arc extinguishing atmosphere</li> <li>• Extended operations in extreme environments</li> </ul>

### Electrical Specifications

Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	500
	Breakdown	VDC - minimum	1000
Current	Switching	Amp - maximum	3
	Carry	Amp - maximum	4
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E8
Capacitance	Contact	pF - typical	2.3
Temperature	Operating	°C	-25 to +125
	Storage	°C	-40 to +200

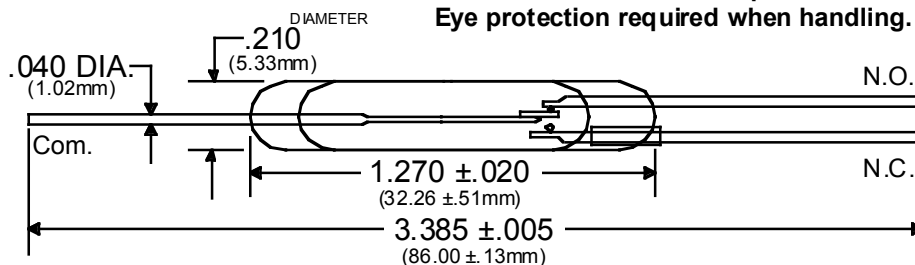
### Magnetic Specifications

Pull - In Range		Ampere Turns	60-100
Test Coil		NARM RS-421-A	Coil IV

### Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	0.72
Contact Material			Tungsten Bar and Plate
Operate Time	Including Bounce	mSeconds - maximum	4.50
Release Time	Including Bounce	mSeconds - maximum	4.10

**Glass contents under pressure.  
 Eye protection required when handling.**



- 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 or custom configurations about performance, 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.