

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

High Power Pressurized Switch

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

Electrical Specifications

Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	500
	Breakdown	VDC - minimum	1000
Current	Switching		3
	Carry		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

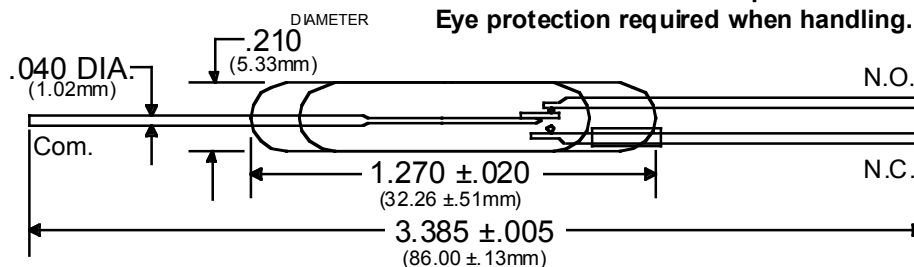
Magnetic Specifications

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		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 (4) department.

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.