

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	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

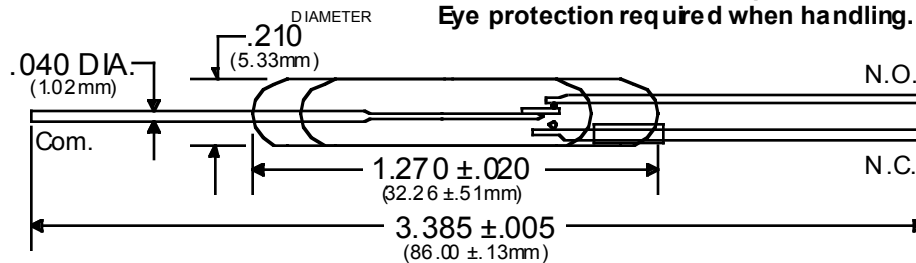
Magnetic Specifications

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.