

Part Number **HSR-830R** Contact Form C Switch Configuration SPDT Rev. E
Pressurized Capsule for Increased Voltage Capability

Features	Advantages
<ul style="list-style-type: none"> • Hermetically sealed contacts • Pressurized internal environment • Switch materials are Lead free and RoHS compliant 	<ul style="list-style-type: none"> • Not ESD sensitive • High voltage holdoff and switching ability • Arc extinguishing atmosphere • Extended operations in extreme environments

Electrical Specifications

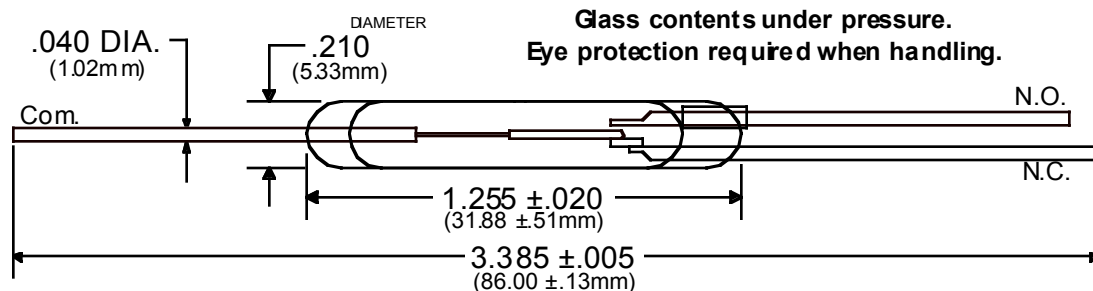
Power		Watts - maximum	25
Voltage	Switching	VDC - maximum	250
	Breakdown	VDC - minimum	1000
Current	Switching	Amp - maximum	1
	Carry	Amp - maximum	TBD
Resistance	Initial Contact Resistance	Ohm - maximum	0.10
	Insulation Resistance	Ohm - minimum	1 E7
Capacitance	Contact	pF - typical	2.5
Temperature	Operating	°C	-25 to +125
	Storage	°C	-40 to +200

Magnetic Specifications

Pull - In Range		Ampere Turns	50-100
Test Coil		NARM RS-421-A	Coil IV

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC - nominal	0.71
Contact Material			Rhodium
Operate Time	Including Bounce	mSeconds - maximum	3.60
Release Time	Including Bounce	mSeconds - maximum	4.20


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.