HSI SENSING
HERMETIC SWITCH INC.

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Item Number **HSR-834W Series** Contact Form C Switch Configuration SPDT Rev. K

Form C High Power and High Voltage Switch

Features	Advantages
• UL Recognized component • Hermetically sealed Tungsten contacts • Materials are Lead free and RoHS compliant • Pressurized internal environment (eye protection recommended when handling)	• Rated to switch 240 VAC • Extended operations in extreme environments • Excellent performance under inductive or capacitive loads • Note: Requires a 3W minimum load

Electrical Specifications

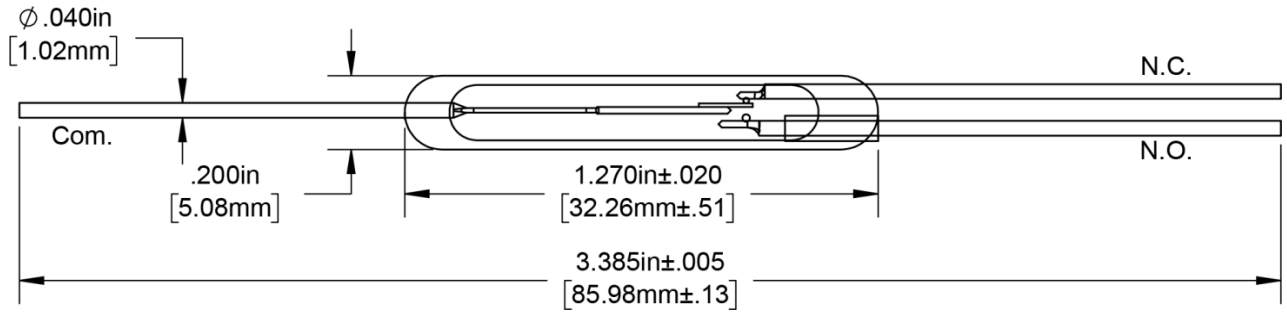
Power		Watts - maximum	100
Voltage	Switching	VDC - maximum	240
	Breakdown	VDC - minimum	1000
Current	Switching	Amp - maximum	4.0
	Carry	Amp - maximum	4.0
Resistance	Initial Contact Resistance	Ohm - maximum	0.50
	Insulation Resistance	Ohm - minimum	1 E8
Capacitance	Contact	pF - typical	2.3
Temperature	Operating	°C	-40 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
Operate Time	Including Bounce	mSeconds - maximum	4.50
Release Time		mSeconds - maximum	4.10



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.