

Part Number **HSA-12100** Contact Form **C** Switch Configuration **SPDT** Rev. **C**

SPDT Contacts Designed for High Voltage and High Power

Features	Advantages
- Hermetically sealed contacts - Leaded glass currently exempted from RoHS requirements - Tungsten contacts in vacuum environment - Voltage Breakdown determined with maximum of 3 μA leakage current	- Extended operations in extreme environments - Not ESD sensitive - Suitable for high/inductive current loads - High voltage isolation - Industry's lowest leakage current - Capable of switching power loads between 3 and 100 watts

Electrical Specifications

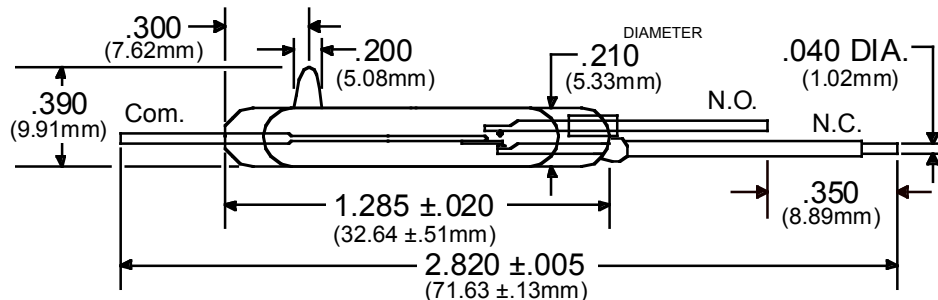
Power		Watts – maximum	100
Voltage	Switching	VDC – maximum	2500
	Breakdown	VDC – minimum	5000
Current	Switching	Amp – maximum	3
	Carry	Amp – maximum	TBD
Resistance	Initial Contact Resistance	Ohm – maximum	0.50
	Insulation Resistance	Ohm – minimum	1 E10
Capacitance	Contact	pF – typical	3.3
Temperature	Operating	°C	-60 to +125
	Storage	°C	-100 to +200

Magnetic Specifications

Pull – In Range		Ampere Turns	70–110
Test Coil		NARM RS-421-A	Coil III

Physical/Operational Specifications

Capsule Volume	Excluding Leads	CC – nominal	0.82
Contact Material			Tungsten
Operate Time	Including Bounce	mSeconds – maximum	4.50
Release Time	Including Bounce	mSeconds – maximum	3.70



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.