HAMLIN

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DRR-129 Features and Benefits

Features

- Normally open switch size with 50.80mm x 5.25mm (2.0" x 0.207") glass envelope
- Capable of switching up to 400Vdc
- Maximum switched current 3 Amps, will carry up to 6 Amps
- Maximum contact rating 100 Watts
- Minimum voltage breakdown 600Vdc
- 10^{10} Ohms insulation resistance
- Available sensitivity range 42-83 AT

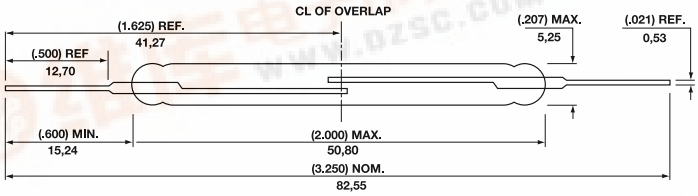
Benefits

- Hermetically sealed switch contacts are not effected by and have no effect on their external environment
- Capable of switching European mains voltage
- Low, stable contact resistance
- Low space requirement
- Zero operating power required for contact closure
- Fit and forget durability

Applications

- Security
- Limit switching
- Automotive applications
- Industrial safety applications

DIMENSIONS (in) mm



Switch Type			DRR-129
Contact Form			**A**
Underwriters Laboratories Recognised, File E47258 (see note 1)			**ℛ**

ELECTRICAL RATINGS

Contact Rating (2)		Watt - max.	100
Voltage	Switching Breakdown	Vdc - max. Vdc - min.	400 600
Current	Switching Carry	A - max. A - max.	3.0 6.0
Resistance	Contact, Initial Insulation	Ω - max. Ω - min.	0.100 10^{10}
Capacitance	Contact	pF - typ.	0.6
Temperature	Operating Storage (6)	°C °C	-40 to +125 -65 to +125

OPERATING CHARACTERISTICS

Operate Time (3)		ms - max.	4.5
Release Time (3)		ms - max.	2.5
Shock	11ms ½ sine wave	G - max.	100
Vibration	50-2000 Hertz	G - max.	30
Resonant Frequency		Hz - typ.	850

MAGNETIC CHARACTERISTICS

Pull-In Range (4)		Ampere Turns	42-83
Rating Sensitivity (5)		Ampere Turns	60
Test Coil			L4988

Notes

1) For details on electrical specifications, contact Hamlin.
2) Contact rating-Product of the switching voltage and current should never exceed the wattage rating.
Contact Hamlin for additional load/life information.
3) Operate/Release Time-per EIA/NARM RS421A, diode suppressed coil.
4) Pull in Range-Contact Hamlin for tolerances available within this range.
5) Rating Sensitivity-The value at which contact ratings and operating characteristics are determined. Derating may be required below this value.
6) Storage Temperature-Long time exposure at elevated temperature may degrade solderability of the leads.

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