

## 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

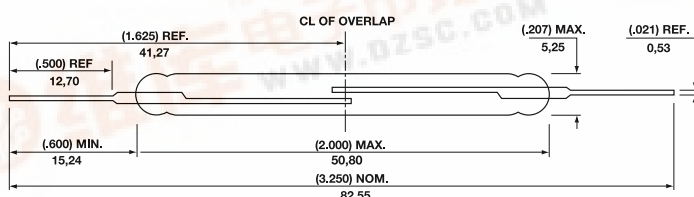
## Benefits

- 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)	

## ELECTRICAL RATINGS

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

## OPERATING CHARACTERISTICS

Operate Time (3)		ms - max.	4.5
Release Time (3)		ms - max.	2.5
Shock	11ms 1/2 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.

USA Tel: +1 920 648 3000 • Fax: +1 920 648 3001 • Email: sales.us@hamlin.com

UK Tel: +44 (0)1379 649700 • Fax: +44 (0)1379 649702 • Email: sales.uk@hamlin.com

Germany Tel: +49 (0) 6142 923920 • Fax: +49 (0) 6142 923921 • Email: sales.de@hamlin.com

France Tel: +33 (0) 1 6047 3000 • Fax: +33 (0) 1 6015 9136 • Email: sales.fr@hamlin.com

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