HAMLIN

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Applications

Security

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Limit switching

Automotive applications

Industrial safety applications

DRR-129 Features and Benefits

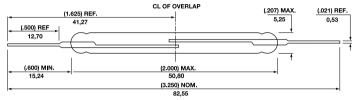
Features

- 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
 - 10¹⁰ Ohms insulation resistance
- Available sensitivity range 42-83 AT
- Hermetically sealed switch contacts are not effected by and have no effect on their external

Benefits

- 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

DIMENSIONS (in) mm



Switch Type			DRR-129	
Contact Form			А	
Underwriters Laboratories Reco	ognis <mark>ed</mark> for AC loads only, F	ile E47258 (see note 1)	LR.	
ELECTRICAL RATINGS				
Contact Rating (2)		Watt - max.	100	
Voltage	Switching Breakdown	Max. Vdc - min.	240Vac rms (400Vdc) 600	
Current	Switching Carry	Adc - max. Adc - 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)	2° 2°	-40 to +125 -65 to +125	
OPERATING CHARACTER	ISTICS			
Operate Time (3)		ms - max.	4.5	
Release Time (3)		ms - max.	2.5	
Shock	11ms ½ sine wave	G - max.	100	
/ibration	50-2000 Hertz	G - max.	30	
Resonant Frequency		Hz - typ.	850	
MAGNETIC CHARACTERI	STICS			
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 Hamilin 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.
- Rating Sensitivity-The value at which contact ratings and operating characteristics are determined. Derating may be required below this value.
- Storage Temperature-Long time exposure at elevated temperature may degrade solderability of the leads.

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