



# Bin Control Relay - BCR

## Application

The Bramco Bin Control Relay (BCR) has been designed to:

- detect the level of material in a bin or reservoir and/or;
- be used as a pump control relay with liquids or;
- a blocked chute relay for conveyor applications.

## Operational

The unit provides Pump-In or Pump-Out options. Pump-In energises the relay when the probe is not in contact with material or the switching device is open. Pump-Out energises the relay when the probe is in contact with material or the switching device is closed.

The Time In control sets the delay between material contacting the probe (or closing the switch) and the relay operating. The Time Out control sets the delay operating. The Time Out control sets the delay between material not contacting the probe (or not closing the switch) and the relay resetting. The sensitivity of the unit is adjustable to cope with various probes and materials. LED Indicators on the front panel of the unit display Power On and Relay State. The BCR requires no external transformer.

## The Bramco BCR Offers:

- Compact size - rugged construction
- Pump-In/Pump-Out operation (ie no N/C relay selection)
- Variable time - in and time out
- Variable sensitivity for resisting probe
- LED indication of relay state and power on
- Relevant accessory - Mechanical Tilt Switch 240v 12A with 7m of 3 core cable

## Specifications

### Supply

- 240vAC or 110vAC
- 80% - 120% rated voltage

### Housing

- High Impact Poly Carbonate

### Contacts

- 2 pole changeover 5A-240v

### Base Mount

- DIN rail or screw down

## Ordering Information

### Order Code

- A00154 - Specify voltage
- E70152 - QLD Model
- Accessories A00025 - Mechanical Tilt Switch with cable.

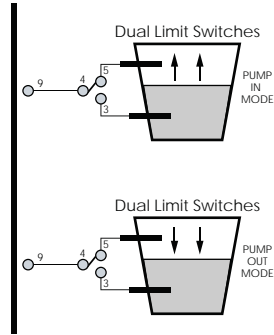
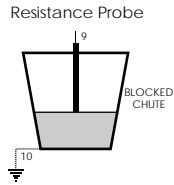
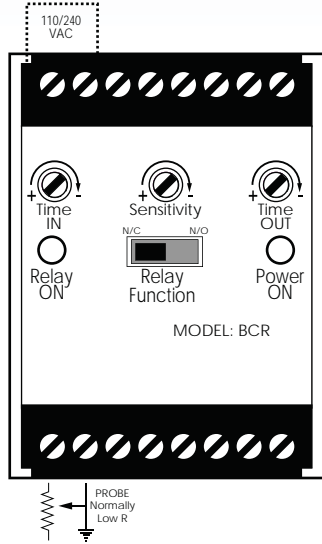
## Bramco Contacts

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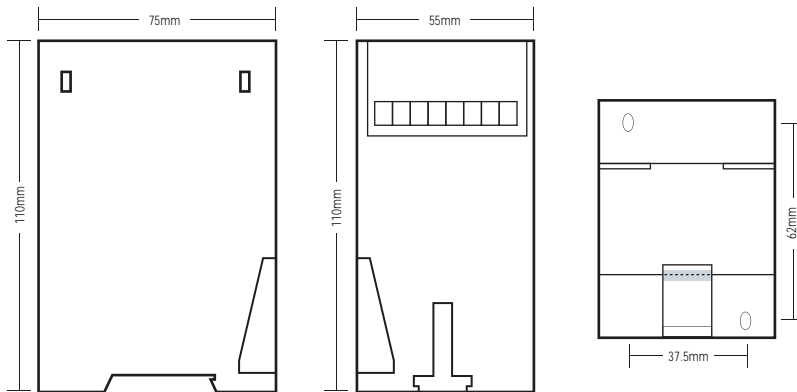
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## Typical Installation and Application



## Outline and Mounting Hole Dimensions



Unit can be mounted on DIN rail or screwed down via mounting holes

## Connection Details

