Digital Instrument Relay (DIR) 
Installation Instructions

General Information: The Newmar DIR is a solid state relay that allows you to use the 5 VDC signal from Newmar digital instruments in an alarm condition. This relay can be used to open or close a circuit carrying up to 10 amps at 12 or 24 volts DC. In other words with the DIR, you can easily turn on or off a light, bell, etc. in a number of remote locations. If you wish to control an AC circuit or a DC circuit in excess of 10 amps, you can use the DIR to control a larger relay or solenoid.

Installation Diagram:

- Mounting Flange
- Switch Common
- Normally Open (Off) Contact
- Normally Closed (On) Contact
- Fuse @ 1 AMP
- To the alarm output on the digital instrument - See meter installation manual for correct terminal

Specifications
Supply Voltage: 10.0 to 30.0 VDC 0.035 amps max.
Operating temperature: 0 to 50 deg Celsius (32 to 122 deg Fahrenheit).
Size: 50 x 35 x 30 mm (2 x 1.4 x 1.2 inch)
Control: +3.5 to +12 VDC switches the relay ON.
Input Resistance (Control Line): 10K Ohms minimum.