



Overview

The Relay Output Module (RYOM) converts a switch closure from a wireless transmitter into a switch closure for your controller. The RYOM is available from BAPI with either normally open or normally closed contacts. The outputs default to normally open in a fault condition or when power is removed.

All analog output modules are easily trained to a single transmitted variable with a pushbutton and LED.

Product Identification

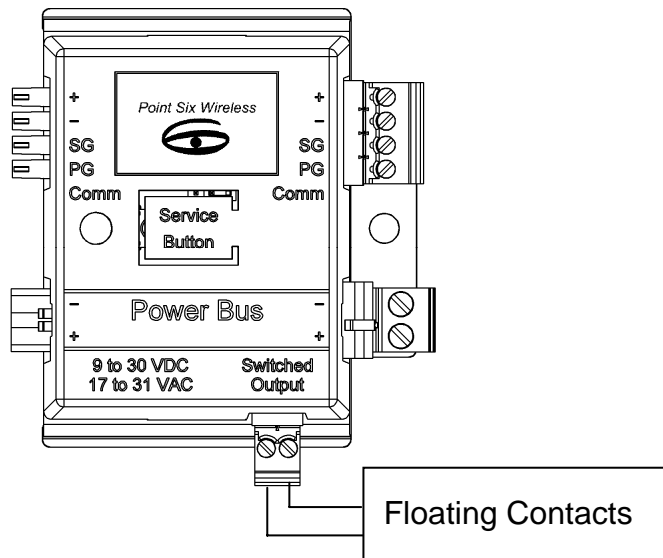


Figure 1: Relay Output Module

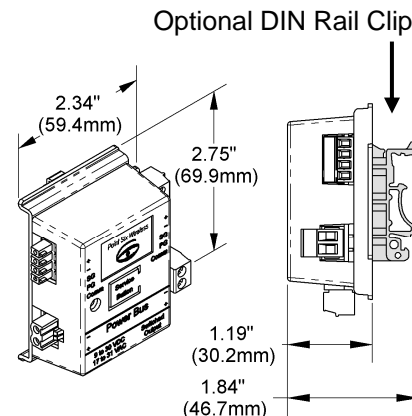
Tools and Materials

#2 Philips Screwdriver, 1/8" Screwdriver (BA/116W), Drill, Wire

Mounting and Termination

Relay output modules are surface, 2.75" snaptrack or 35mm din rail mountable.

For mounting and termination instructions see either the 418MHz receiver Installation & Operation sheet or the 900MHz receiver Installation & Operation sheet.



Specifications subject to change without notice.



Relay Output Module

Installation and Operating Instructions

Diagnosics

Possible Problems:

Relay contacts do not switch

Possible Solutions:

- Check power to the receiver and output module.
- Retrain the modules as described in the 418MHz receiver Installation & Operation sheet (17613_ins_wireless_418_rcvr.pdf) or the 900MHz receiver Installation & Operation sheet (17614_ins_wireless_900_rcvr.pdf)

LED Blinks Rapidly

- Data not getting through from transmitter assigned to this output module. Check transmitter to see if its LED flashes about every 10 seconds. If not replace the batteries.

Specifications

Supply Power: 9 to 30 VDC or 17 to 31 VAC

Power consumption: 15 mA max (relay on)

Relay Output:

40V(DC or AC peak)

150 mA Maximum

On state resistance 15Ω Maximum

Off state leakage current 1uA Maximum

Inputs: RS485

RS485 Cable Distance: 4,000 ft with shielded, twisted pair cable (Belden 9841, Belden 8132 or equivalent)

Environmental Operation Range:

Temp: 0° to 60°C

Humidity: 5% to 95% RH non-condensing

Material: ABS Plastic

Material Rating: UL94, V-0

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