

Rev. 10/24/07

Features & Options

The Resistance Output Module (ROM) converts the data from the Wireless Receiver into a Resistance for the DDC controller. The unit is factory calibrated to output a 10K-2 thermistor curve.

The ROM receives data from a 418 or 900 MHz Receiver through a four-wire bus. Up to 127 different Output Modules can be connected to a single receiver to send multiple variables to the controller. The ROM is easily trained to a single transmitter variable with a pushbutton and LED. The ROM is surface, 2.75" snaptrack or 35mm din rail mountable.

PART NUMBERS:

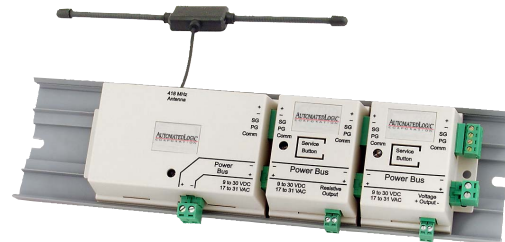
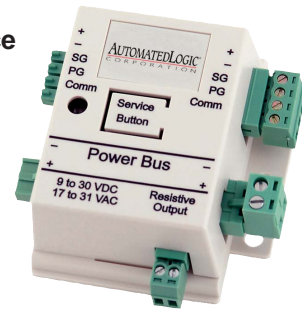
ALC/ROM-102

(ROM module with 10K-2 thermistor curve)

BA/ROM-102-35DIN

(ROM Module with 10K-2 thermistor curve, 35mm Din Rail Mounting)

Resistance Output Module (ROM)



418 MHz Receiver with two Analog Output Modules

Associated Products

• **Wireless Temperature or Temperature/Humidity Transmitter**

Measures the room temperature or humidity and transmits the data through RF to a receiver.

• **418 or 900 MHz Receiver**

Receives the RF signal from the transmitter or repeater and outputs the values to up to 127 different Analog Output Modules.

• **Repeater:**

Extends the range of the Transmitter up to 1,000 feet.

Specifications for Resistance Output Modules

Temperature Output Ranges at ~0.5°F Resolution:

35°F to 120°F (1°C to 50°C)

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

Power Consumption:

3 mA max. DC, .1 VA max AC

Analog Input Bias Voltage: 5 VDC max

Bus Cable Distance:

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

Output Resolution: ~40 Ohms

Environmental Operation Range:

Temp: 32°F to 140°F (0°C to 60°C)
Humidity: 5% to 95% RH non-condensing

Material: ABS Plastic

Material Rating: UL94, V-0

Resistance Output Module

Gray shaded area applies to Din Rail models only

