



Function:

The RCI-800-RF9 is a bi-directional data communication system that exchanges the status of 8 dry contact inputs and 8 analog inputs between a master and one or more remote units. A basic system consists of one master station and one remote station each with 8 dry contact and 8 analog inputs and 8 'C' relay contact and analog outputs. All signals are bi-directional so that data may be read from the remote station and sent to it.

The license-free spread-spectrum radio technology allows small systems to be set up with very little effort and at low cost. The technology ensures high communication reliability even in RF-intensive environments.

All units are sold without antennas. Pribusin carries a complete assortment of antennas and accessories.

Standard Features:

Bi-directional Communication using License-free 900MHz Radio Band

Spread-Spectrum Radio Technology Provides Reliable Communication

Re-Transmission & Error Correction Algorithms ensure Accurate Data Transmission

8 Dry Contact and 8 Analog Inputs

8 'C' Relay Contacts and 8 Analog Outputs

Point-to-Point or Host-to-Multipoint Topologies

No Calibration Required

Microprocessor Controlled for High Accuracy

Power: 117 VAC 50/60 Hz (Optional 24 VDC)

High Noise Rejection

Options:

-A: 24VDC Power

-B: 240VAC Power

-N12: NEMA 12 Enclosure

Specifications:

Media: 900MHz Spread-Spectrum Radio

Range: up to 1500ft indoors with omnidirectional antenna
up to 12 miles line-of-sight with directional antenna

Protocol: MODBUS ASCII, 9600 BAUD

RF Connector: N-Female (Bottom of Enclosure)

Radio Power Output: 100mW, 1W (selectable)

Operating Temperature: -4°F to +140°F (-20°C to +60°C)

Relay Contacts: 10A 1/8Hp @ 125VAC

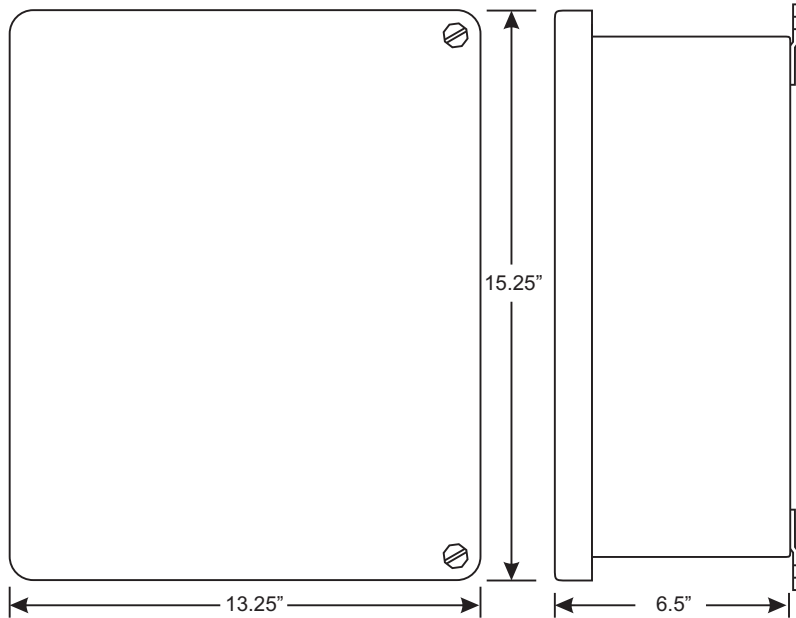
6A 1/8Hp @ 277VAC

Power: 117 VAC, 60/50 Hz, 24VDC Available

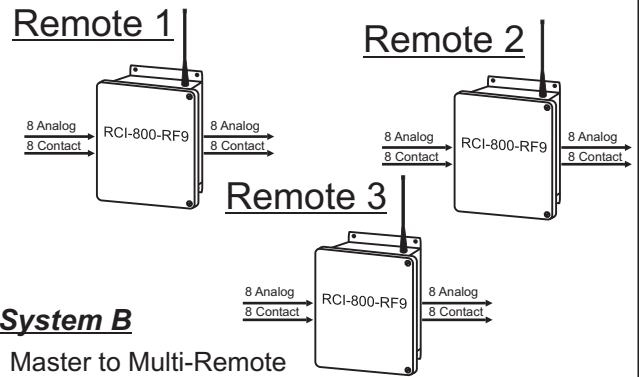
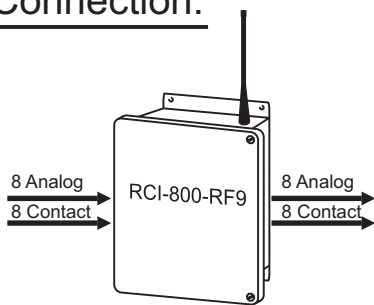
Enclosure: NEMA4X (NEMA12 available as an option)

RCI-800-RF9

Enclosures & Dimensions:

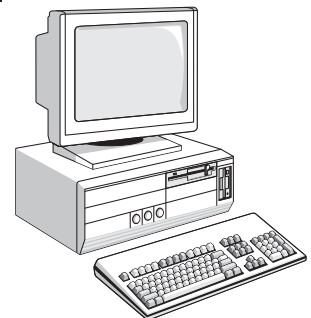


Connection:



Master

OR



Manufactured By:



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