



### Standard Features:

Allows Serial Controller to Communicate Directly with RCI-XXX-RF2 series Remotes

Provides Access to up to 127 Remote RCI's

Bi-directional Communication using License-free 2.4GHz Radio Band

Spread-Spectrum Radio Technology Provides Reliable Communication

Re-Transmission & Error Correction Algorithms ensure Accurate Data Transmission

No Calibration Required

Microprocessor Controlled for High Accuracy

Power: 120 VAC or 24 VDC

High Noise Rejection

### Function:

The RCI-SER-RF2 is a serial-to-radio interface. It allows PC's or PLC's to communicate directly with one or more RCI-XXX-RF2's. The standard MODBUS ASCII protocol used in the RCI-XXX-RF2 series allows for easy integration with existing software packages on both PC's and PLC's.

The host controller connected to the RCI-SER-RF2 controls the communication by sending out queries to each remote unit. The remote unit then replies with an acknowledgment if the data was received correctly.

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.

### Options:

None available at this time

### Specifications:

Media: 2.4GHz Spread-Spectrum Radio

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

Protocol: MODBUS ASCII

Speed: 9600 BAUD

Radio Power Output: 1000mW max.

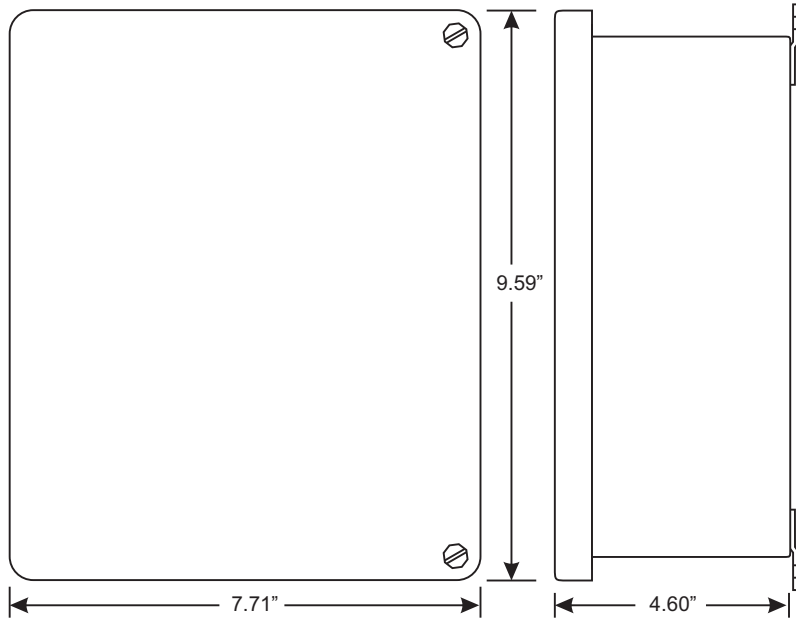
Operating Temperature: -4°F to +140°F (-20°C to +60°C)

Power: 120 VAC or 24 VDC

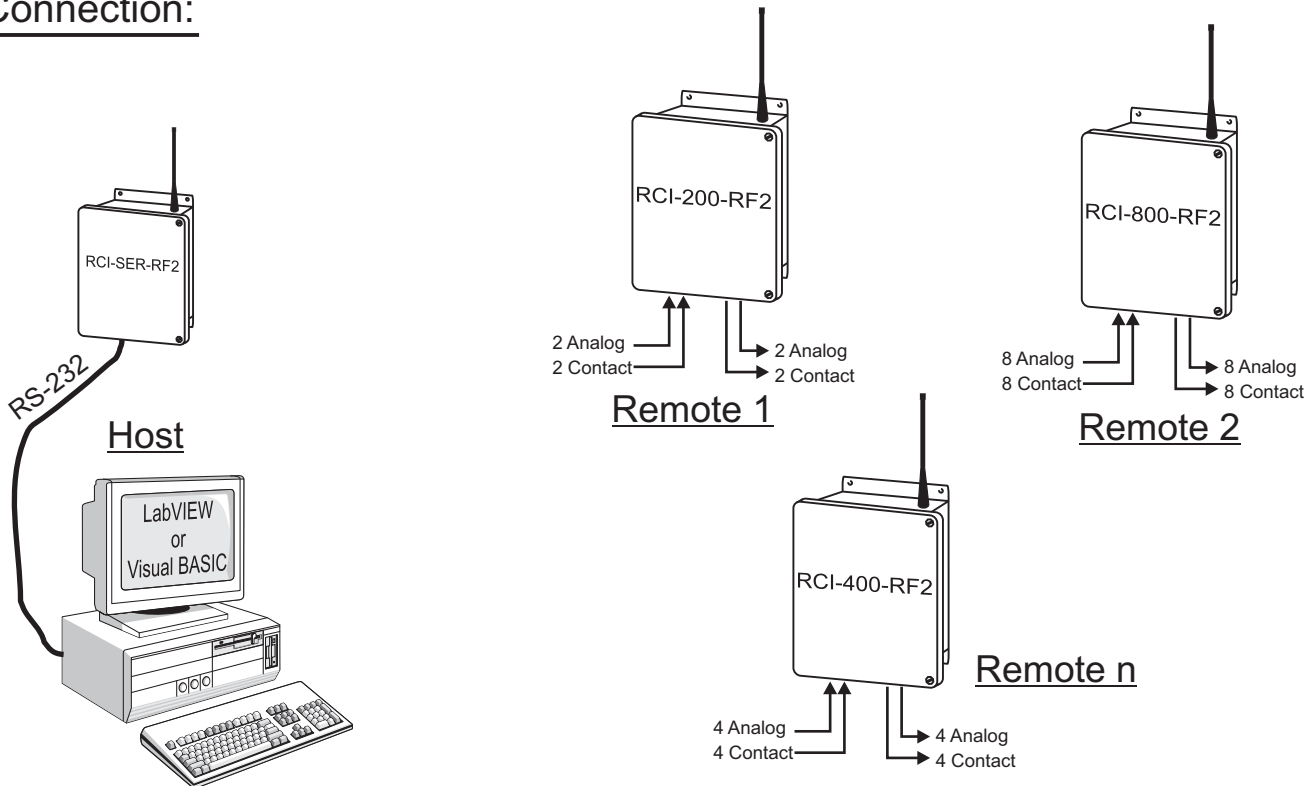
Enclosure: NEMA4X

# RCI-SER-RF2

## Enclosures & Dimensions:



## Connection:



## Manufactured By:



[www.pribusin.com](http://www.pribusin.com)  
[info@pribusin.com](mailto:info@pribusin.com)

### USA:

Pribusin Inc.  
 743 Marquette Ave.  
 Muskegon, MI 49442  
 Ph: (231) 788-2900  
 Fx: (231) 788-2929



### CANADA:

Pribusin Inc.  
 101 Freshway Dr. Unit 57  
 Concord, Ontario, L4K 1R9  
 Ph: (905) 660-5336  
 Fx: (905) 660-4068