



*Manufacturers of Process
Controls and Instrumentation*

Instruction Manual

Model: *RCI-100-XXX*

Function: *Remote Control Signal Interface*

Communication: *XXX=SER: RS-232/485*

XXX=MDM Modem Dial-Up

XXX=FSK: Leased Line

XXX=RF9: 900 Mhz Wireless

XXX=NET: TCP/IP - Ethernet

Input: 1 "Dry" Contact and 1 Analog Input

Output: 1 Form 'C' Contact and 1 Analog Output

Power: 117VAC, 50/60Hz

24 VDC

Serial #: _____

(If special or required)

For Technical Assistance And Questions Call
USA: (231) 788-2900 CANADA: (905) 660-5336



Standard Features:

Bi-directional Communication using an RS232/485 Serial Bus Link

1 Dry Contact and 1 Analog Input

1 'C' Relay Contact and 1 Analog Output

No Calibration Required

Microprocessor Controlled for High Accuracy

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

High Noise Rejection



Function:

The RCI-100-SER is a bi-directional remote communication system that exchanges the status of 1 dry contact input and 1 analog input between a master and remote unit or a PC. A basic system consists of A) one master station and one remote station each with 1 dry contact and 1 analog input and 1 'C' relay contact and analog output **OR** B) several remote stations and one PC.

In system A), the master unit can interrogate one remote.

In system B), a PC interrogate call several remote units.

LabVIEW drivers are provided for user software development on PC's.

Connection:

Units are connected via DSUB-9 connectors if using RS-232 or 4-position plug-in connector if using RS-485.

Specifications:

Transmission Medium: RS-232 or RS-485

BAUD Rate: 2400 BAUD typ., 9600, 14.4K available

Operating Temperature: -20 Deg.C. to +50 Deg.C.

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

6A 1/8Hp @ 277VAC

Power: 117 VAC, 60/50 Hz

(24VDC Available)

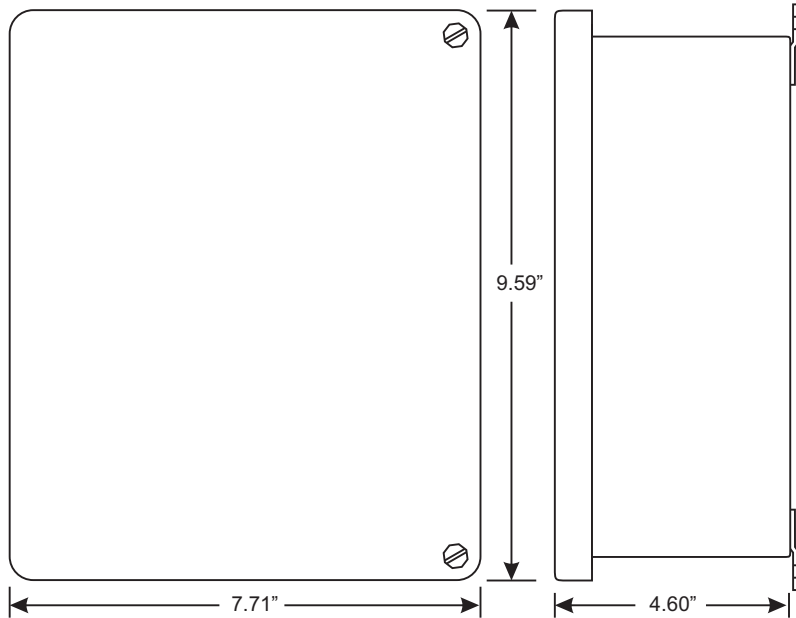
Enclosure: NEMA4X (NEMA12 available as an option)

Approvals: ETL 3118354:

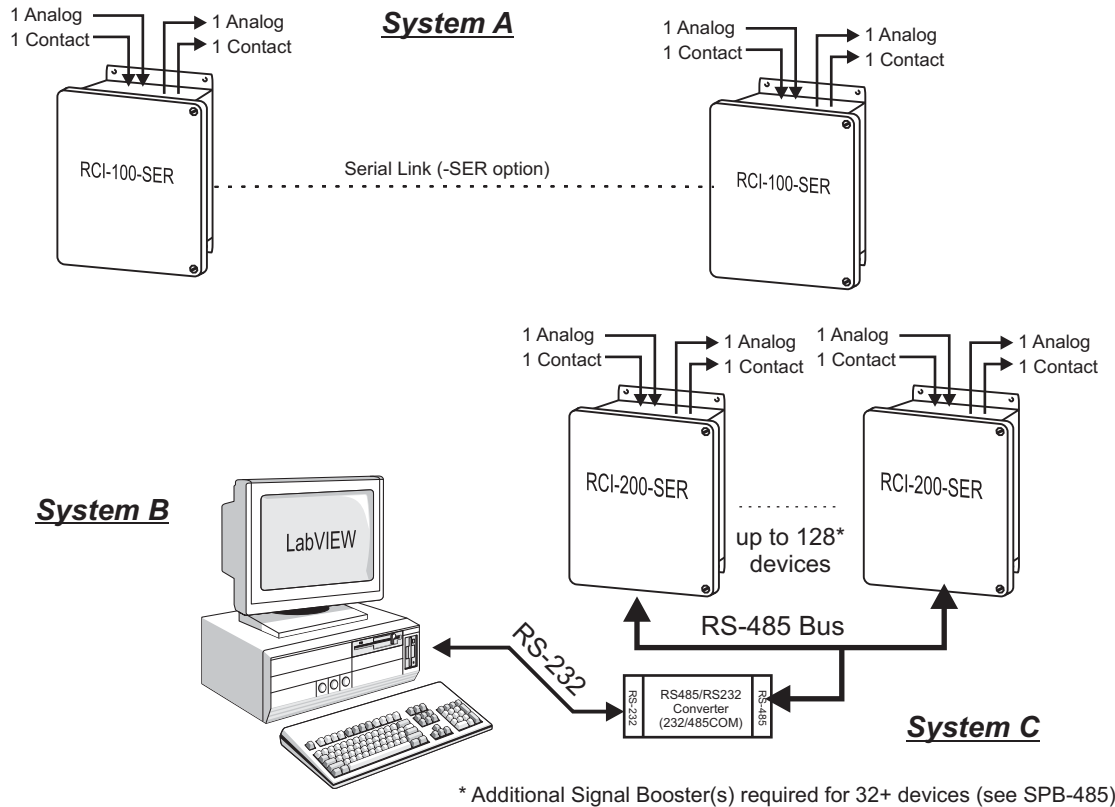
UL 60950-1-2007; CSA-C22.2 No. 60950-1-07

RCI-100-SER

Enclosures & Dimensions:



Connection:



Manufactured By:



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