

2500-RIO-A RS-485 Remote Base Controller



Description

The 2500-RIO-A RS-485 Remote Base Controller (RBC) allows a CTI 2500 Series or Simatic® 505 I/O base to function as a slave node on an RS-485 TI Remote I/O channel. The Remote Base Controller is intended to be a replacement for the Siemens® 505-6851, 505-6851-A, and 505-6851-B RBC.

Features

- Replaces Siemens® 505-6851, 505-6851-A, 505-6851-B
- Compatible with CTI 2500 Series™ and Siemens® SIMATIC® 505 CPUs
- Can be used in all 4, 8, 11 and 16 slot CTI and Siemens® bases
- Compatible with 2500-R11-A and 505-6511 dual-media (redundant) bases
- Communication to CPU at 2Mbit/second
- Maximum cable distance from CPU to RBC 1000m
- Supports all CTI and Siemens® discrete, analog, and special function I/O modules
- LED display for error codes and station address
- Includes RS232C port for remote programming of PLC

Specifications

Ports:

RS485: 9-pin female
RS232C: 9-pin male

Communication Rate: 1Mbits/sec

Communication Port Isolation: 1500VDC

Output State Selection:

Determines state of outputs when I/O channel communication is lost:

off all outputs are turned off
freeze all outputs hold their last value

Switch Options:

RBC station address
Serial port baud rate

Backplane Power: 2 Watts (maximum)

Module Size: Double-wide

Operating Temperature:

0° to 60°C (32° to 140°F)

Storage Temperature:

-40° to 85°C (-40° to 185°F)

Relative Humidity:

5% to 95% (non-condensing)

Agency Approvals Pending:

UL, ULC, FM (Class 1, Div. 2), CE

Shipping Weight: 1.5 lb. (0.68 Kg)



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