

2500-RIO RS-485 Remote Base Controller



Description

The 2500-RIO Profibus Remote Base Controller (RBC) allows a 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-A RBC.

Features

- Replaces Siemens® 505-6851-A
- Compatible with CTI and Siemens® SIMATIC® 505 CPUs
- Can be used in all 4, 8, and 16 slot CTI and Siemens® bases
- Communication to CPU at 2Mbit/second
- Maximum cable distance from CPU to RBC 1000m
- Supports all CTI and Siemens® discrete and analog I/O modules
- Supports all CTI and Siemens® special function 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: 2Mbits/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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