



# 2500 Series™ Compact System



## 2500C-RBC-RS485 Remote Base Controller for RS485



### Description

The 2500C-RBC- RS485 Remote Base Controller (RBC) allows a CTI 2500 Series Compact I/O base to function as a slave node on an RS-485 Remote I/O channel.

### Features

- Compatible with CTI 2500 Series® and Siemens® SIMATIC® 505 CPUs
- Can be used in all 4, 8 and 16 slot CTI bases
- Communication to CPU at 2Mbit/second
- Maximum cable distance from CPU to RBC 1000m
- Supports all CTI discrete and analog
- LED display for error codes and station address
- Includes RS232C port for remote programming of PLC

Specifications		
Ports	RS485	RS232C
Ports	9 Pin Female	9 Pin male
Communication Rate	1 Mbits/sec	300 to 19.2K Baud Rate
Communication Port Isolation	1500VDC	

Output State Selection		
Determines state of outputs when RS485 channel is lost:	OFF All outputs are turned off (Module ships in this Configuration)	FREEZE All outputs hold their last value

RBC Configuration	
Dipswitch Settings	Serial port baud rate
Front panel Rotary Switch	Slave Base Address

General Module Specifications	
Max. Backplane Power Consumption	1.5 Watts
ESD Protection	IEC 1000-4-2 Level 4
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Relative Humidity	5% to 95% (non-condensing)
Agency Approvals Pending	UL, ULC, UL Class 1, Div 2, CE
Shipping Dimensions and Weight	223.84mm x 109.86mm x 80.96mm, 0.454kg

Go to [www.controltechnology.com](http://www.controltechnology.com) for a current copy of the Installation & Operation Guide.



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