

Anybus E300 Modbus TCP

Item number: 028810-B

The Anybus E300 Modbus TCP Module is designed to work with the Allen-Bradley E300 Electronic Overload Relay from Rockwell Automation. When an E300 needs to be integrated with a Distributed Control System (DCS) that uses Modbus TCP as its communication backbone, the module enables the E300 to function as a Server node on the Modbus TCP network.



Modbus TCP Communication module for Allen-Bradley E300 electronic overload relay

Features and benefits

- ✓ **Enhanced control capabilities**
The E300 Modbus TCP module allows the DCS to send control commands to the E300 and monitor the device via Modbus TCP.
- ✓ **Modbus TCP server functionality**
With the Anybus E300 Modbus TCP, the E300 Relay is a Modbus TCP Server node on the network. Any Modbus TCP Client device or application can exchange data with the E300.
- ✓ **Web-based configuration interface**
Configure the E300 Relay internal settings and network parameters via an easy on-board web server. Access Live data in parameter monitor pages. Check device & network status with a diagnostics menu.
- ✓ **Connects directly to the E300 relay**
The E300 Relay is comprised of three modules: Sensing, Control, and Communication Module. The Anybus E300 Modbus TCP is an integral part of this three-module configuration.
- ✓ **Streamlined management**
Configuration parameters and setpoints can be sent from the primary client. Up to four simultaneous connections are supported.
- ✓ **2-port Ethernet switch**
The integrated 2-port Ethernet switch enables connecting multiple E300 Relays in a daisy-chain fashion, eliminating the need for a stand-alone Ethernet switch.

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General

Net Weight (g)	85
Packed Weight (g)	85
Operating Temperature °C Min	-20
Operating Temperature °C Max	55
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	EN 60068-2-78: Damp heat, +40°C, 92% humidity for 56 days EN 60068-2-30: Damp heat, +25°C – +40°C, 93% RH, 21 cycles
Current Consumption Type Value at Vcc Nom (mA)	Typical: 220 mA @ 5 VDC
Warranty (years)	3

Identification and Status

Product ID	028810-B
Country of Origin	Poland
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	RJ45 x 2
Contains Battery	No

Certifications and Standards

Protection Class IP	IP20
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