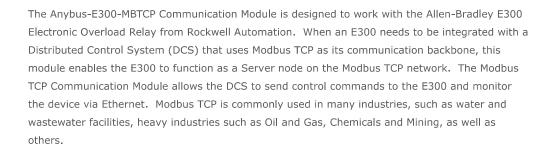


Anybus E300 MBTCP

MODBUS TCP COMMUNICATION MODULE FOR THE ALLEN-BRADLEY E300 ELECTRONIC OVERLOAD RELAY





FEATURES & BENEFITS

- · Connects directly to the E300 Relay
- Modbus TCP server functionality
- · Web-based configuration interface
- 2-port Ethernet switch

CONNECTS DIRECTLY TO THE E300 RELAY

The E300 Relay is comprised of three modules: A Sensing Module, a Control Module, and a Communication Module. The Anybus-E300-MBTCP is a Communication Module and is an integral part of this three-module configuration. It plugs in directly into the top of the Control Module and is secured into position with a locking tab.

MODBUS TCP SERVER FUNCTIONALITY

With the Anybus-E300-MBTCP, 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. Inputs such as current, voltage, power, and trip status can be read from specific Modbus registers. Also, configuration parameters and setpoints can be sent from the primary client. Up to four simultaneous connections are supported.

WEB-BASED CONFIGURATION INTERFACE

Configure the E300 Relay internal settings and network parameters via an easy-to-use on-board web server. Live data can be viewed in parameter monitor pages, and a diagnostic menu allows you to check device and network status.

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 standalone Ethernet switch.

TECHNICAL SPECIFICATIONS

Ethernet connector RJ45 x 2

Power consumption Typical: 220 mA @ 5 VDC

Storage temperature $-40 \text{ to } +85 \text{ }^{\circ}\text{C}$ Operating temperature (open) $-20 \text{ to } +55 \text{ }^{\circ}\text{C}$ Operating temperature (enclosed) $-20 \text{ to } +40 \text{ }^{\circ}\text{C}$ Humidity EN 600068-2-78: Damp heat, +40°C, 92% humidity for 56 days

EN 60068-2-30: Damp heat, +25°C - +40°C, 93% RH, 21 cycles

Cooling Method Natural convection

Vibration IEC 68-2-6: 5 G operating, 5 G non-operating

Shock IEC 68-2-27: 30 G

Protection class IP20
Product weight 85 g

Dimensions $32 \times 44.8 \times 89.3 \text{ mm (H x W x D)}$ Modbus TCP connections Up to 4 simultaneous connections

Modbus TCP port number 502

ORDERING INFORMATION

ORDER CODE: 028810 WARRANTY: 3 years

For purchasing instructions and terms and conditions, see: <u>How to buy</u>

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