# 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.

# Anybus E300 Modbus TCP

## 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 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 |
| **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 |
| **Export Control Classification Number (ECCN)** | EAR99 |

## Physical Features

| | |
|---|---|
| **Connectors / Input / Output** | RJ45 x 2 |

## Certifications and Standards

| | |
|---|---|
| **Protection Class IP** | IP20 |