
MODBUS RTU TO MODBUS TCP GATEWAY/BRIDGE

FEATURES:

- ◆ Small Size, DIN Mount
- ◆ VDC/VAC Power Supply
- ◆ Easy configuration
- ◆ Universal Application
- ◆ Low Cost



APPLICATION:

The ETMBTCP module is ideal for bringing RS-485 Modbus devices onto an Ethernet network.

While designed as an accessory to the WattsOn meter, the ETMBTCP works with any Modbus RS-485 device. It allows for communication between multiple Modbus serial slaves, and multiple Modbus TCP master devices.

SPECIFICATIONS:

Power: 9-32 VDC (100mA) or 12-24VAC (100mA)

RS-485: Modbus RTU (or Modbus ASCII) devices. Field programmable via TELNET for RTU/ASCII mode of operation, baud rate, master/slave modes.

Ethernet: 10/100Mbit, full/half duplex, auto negotiation. Supports DHCP. Software tools for detection/configuration.

Mounting: DIN Rail Mount (LxWxH = 27mm x 96mm x 42mm)

PRODUCT DESCRIPTION:

The ETMBTCP module is an Ethernet-to-RS-485 interface. It was designed specifically as a bridge for Modbus TCP/Modbus RTU communications. Factory programmed, out of the box, the ETMBTCP works with Elkor's Modbus RTU (WattsOn, ETA3.RTU) devices to provide a means of communication over Ethernet networks.

It may be field programmed for various other configurations, including specific IP settings, Modbus serial master/slave mode, Modbus RTU/ASCII, various baud rates and serial parameters. Programming is performed via a simple text telnet interface. RS-485 data direction is handled by the unit, and visual feedback of sent/received serial packets is shown via the on-board LEDs.

The ETMBTCP supports DHCP and AUTOIP. A Windows® utility is available to detect and configure the network parameters from a PC connected to the network.

ORDERING INFORMATION:

ETMBTCP fully describes this product