

CANopen Slave - Modbus Plus Slave



The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.

The CANopen interface is an adapter class product allowing fast data exchange. The CANopen slave's data map consists of Process Data Objects (fast data) and Service Data Objects (slow data). The data on the CANopen bus is updated when a change is made or on request from another node. The CANopen interface module is certified by the Can In Automation organisation (CANopen conformance: CIA DS-301 V3.0) and has proven conformance and interoperability with leading PLC's, SoftPLC's, HMI's etc

The Modbus Plus interface is based on licensed chip-set and software from Modicon Inc. Supporting both the Global Database and Register mapping to 3x and 4x registers this module implements a versatile Modbus Plus interface. The Modbus Plus interface module is certified by the Modconnect and has proven conformance and interoperability with leading PLC's, HMI's etc

KEY FEATURES

- CANopen PDO and SDO data objects supported
- CANopen Unscheduled data exchange support
- CANopen Watch-dog timer
- CANopen profile DS-301
- Modbus Plus Global Data Base Transaction, Point-to-Point commands, Read holding registers, Preset single register
- Modbus Plus Host Firmware Rev. 77

TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|---------------------------------------------------------------------------|
| Size: | 126 mm x 110 mm x 42 mm |
| Power Supply: | 24 VDC (±10%) |
| Temperature: | 0-65°C |
| Current Consump: | max 300 mA |
| I/O Input: | Default 20 bytes, max 512 bytes (max 64 bytes as Modbus Plus Global Data) |
| I/O Output: | Default 20 bytes, max 512 bytes (max 64 bytes as Modbus Plus Global Data) |
| Mech Rating: | IP20/Nema1 |
| Config Method: | Windows Hyper Terminal |
| UL certification: | E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4 |
| ATEX certification: | ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03 |
| Power supply connector: | 2-pole 5.08 mm Phoenix pluggable screw connector |
| CANopen baudrate: | 10 kbit/s to 1 Mbit/s |
| CANopen connector: | D-sub 9-pin male |
| CANopen address: | Node address 1-99 |
| CANopen config.: | Configured by CanOpen Master via EDS file (provided by HMS) |
| Modbus Plus baudrate: | 1 Mbit/s |
| Modbus Plus address: | Node-ID and Source-ID 1-64 |
| ModbusPlus connector: | D-sub 9-pin female |
| Price Group: | C |
| Order Code: | AB7896 |