



Main

| | |
|---------------------------|------------------------------|
| Range of product | Modicon X80 |
| Product or component type | Modbus Plus proxy module |
| Range compatibility | Modicon M340 Modicon M580 |
| Structure type | Industrial bus |

Complementary

| | |
|-----------------------------|--|
| Communication gateway | Ethernet Modbus TCP to Modbus Plus |
| Physical interface | 10/100BASE-T RS485 |
| Method of access | Token ring Modbus Plus CSMA/CD Modbus TCP |
| Transmission support medium | Modbus Plus single twisted pair cable Modbus TCP category 5 shielded twisted pair (STP) |
| Transmission rate | 1 Mbit/s, 450 m bus for Modbus Plus per segment 1 Mbit/s, 1800 m bus for Modbus Plus with 3 repeaters 10...100 Mbit/s, 100 m bus for Modbus TCP without repeater |
| Number of server device(s) | 128 |
| Communication service | Modbus TCP messaging Modbus Plus messaging Configuration control Diagnostics Modbus Plus server (scanned by the PLC) FDR SNMP network management Read/Write variables Global Data Peer cop dialogue |
| Integrated connection type | 2 Ethernet TCP/IP - RJ45 for Modbus TCP 2 Modbus - SUB-D 9 for Modbus Plus |
| Current consumption | 300 mA at 24 V DC external |
| Module format | Standard |

Environment



| | |
|---------------------------------------|--------------------------------|
| Ambient air temperature for operation | 0...60 °C |
| Ambient air temperature for storage | -45...85 °C |
| Relative humidity | 10...95 % without condensation |
| Operating altitude | <= 2000 m |

Packing Units

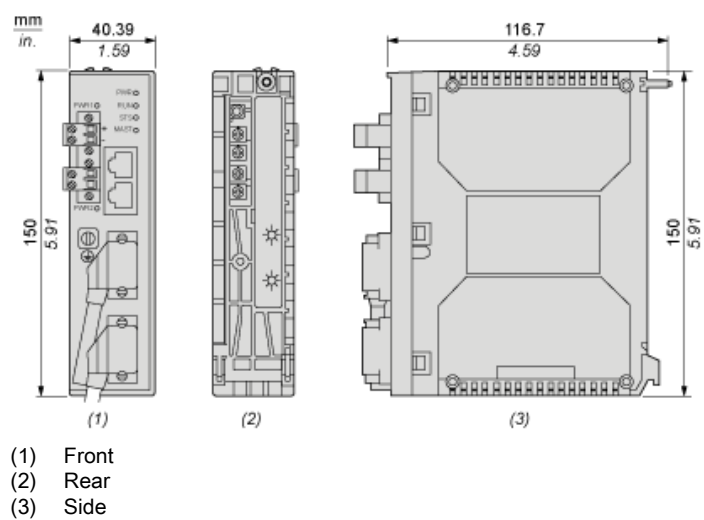
| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.000 cm |
| Package 1 Width | 18.000 cm |
| Package 1 Length | 26.000 cm |
| Package 1 Weight | 690.000 g |

| | |
|------------------------------|-----------|
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 40.000 cm |
| Package 2 Length | 60.000 cm |
| Package 2 Weight | 9.122 kg |

Offer Sustainability

| | |
|----------------------------|---|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions



Mounting and Clearance

