



### Main

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

### Complementary

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

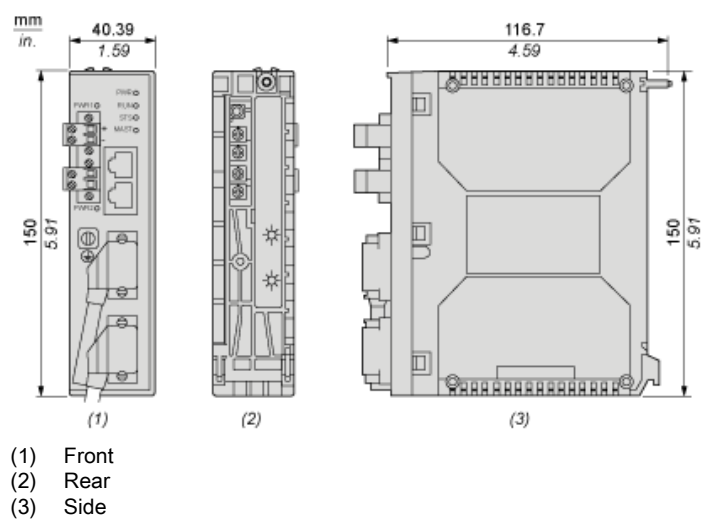
|                              |       |
|------------------------------|-------|
| Unit Type of Package 1       | PCE   |
| Number of Units in Package 1 | 1     |
| Package 1 Weight             | 690 g |
| Package 1 Height             | 6 cm  |
| Package 1 width              | 18 cm |
| Package 1 Length             | 26 cm |

|                              |       |
|------------------------------|-------|
| Unit Type of Package 2       | S04   |
| Number of Units in Package 2 | 12    |
| Package 2 Weight             | 9 kg  |
| Package 2 Height             | 30 cm |
| Package 2 width              | 40 cm |
| Package 2 Length             | 60 cm |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                              |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| 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

