



## 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, 1476.38 ft (450 m) Modbus Plus per segment<br>1 Mbit/s, 5905.51 ft (1800 m) Modbus Plus with 3 repeaters<br>10...100 Mbit/s, 328.08 ft (100 m) 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 Modbus TCP<br>2 Modbus - SUB-D 9 Modbus Plus  |
| Current consumption         | 300 mA 24 V DC external  |
| Module format               | Standard   |

## Environment

|                                       |                                |
|---------------------------------------|--------------------------------|
| Ambient Air Temperature for Operation | 32...140 °F (0...60 °C)        |
| Ambient Air Temperature for Storage   | -49...185 °F (-45...85 °C)     |
| Relative Humidity                     | 10...95 % without condensation |
| Operating altitude                    | <= 6561.68 ft (2000 m)         |



## Ordering and shipping details

|                   |                    |
|-------------------|--------------------|
| Category          | 18160-MODICON M340 |
| Discount Schedule | PC34               |
| GTIN              | 3595864035918      |
| Returnability     | Yes                |
| Country of origin | FR                 |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 2.36 in (6.000 cm)      |
| Package 1 Width              | 7.09 in (18.000 cm)     |
| Package 1 Length             | 10.24 in (26.000 cm)    |
| Package 1 Weight             | 24.34 oz (690.000 g)    |
| Unit Type of Package 2       | S04                     |
| Number of Units in Package 2 | 12                      |
| Package 2 Height             | 11.81 in (30.000 cm)    |
| Package 2 Width              | 15.75 in (40.000 cm)    |
| Package 2 Length             | 23.62 in (60.000 cm)    |
| Package 2 Weight             | 20.11 lb(US) (9.122 kg) |

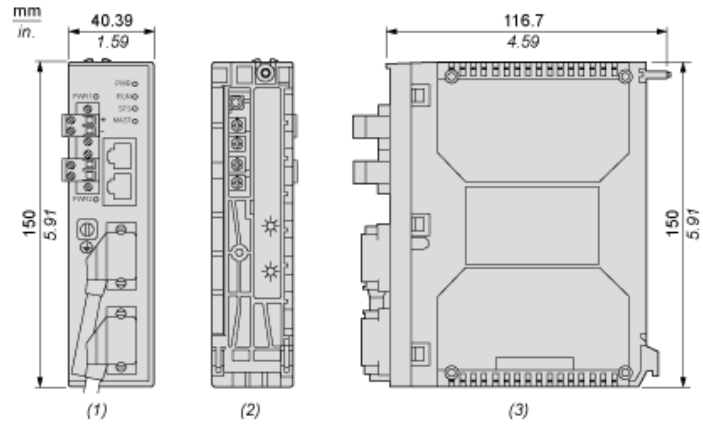
## Offer Sustainability

|                            |   |
|----------------------------|---|
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  |
| Mercury free               | Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>  |
| 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.  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



- (1) Front
- (2) Rear
- (3) Side

Mounting and Clearance

