

Product data sheet

Specifications



distributed IO module, Modicon TM3, IP20 optimized bus coupler, Ethernet interface

TM3BCEIP

Main

| | |
|------------------------------|---------------------------------------|
| Range of product | Modicon TM3 |
| Product compatibility | Logic controller Motion controller |
| Product or component type | I/O distributed module |
| Product specific application | Bus coupler module |

Complementary

| | |
|-----------------------------|---|
| Communication port protocol | Ethernet IP/Modbus TCP |
| Connector type | RJ45 2 Ethernet daisy chain isolated USB device port Mini-B |
| Exchange mode | Half duplex, full duplex, autonegotiation |
| Transmission rate | 10/100 Mbit/s |
| Topology | Daisy chain |
| Port Ethernet | 10/100BASE-T |
| Communication network type | Ethernet IP Modbus TCP IPv4 (internet protocol) |
| Communication service | Ethernet/IP adapter Modbus TCP/IP server RSTP (Ring topology support) SNMP Web server DHCP client BOOTP Address conflict detection FTP server |
| Web services | Web server, Ethernet Web server, USB |
| Current consumption | 0.8 A at 24 V DC internal supply maximum 7 expansion modules |
| Local signalling | 1 LED green/red for PWR (System Status) 1 LED green/red for MS (Module Status) 1 LED green/red for NS (Network Status) 1 LED green/red for I/O status |
| Fixing mode | By clipping locks (rail) By screws (mounting plate) |
| Product certifications | CE cULus EAC RCM UKCA EU-RO MR |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|-------------------|---|
| Standards | IEC 61131-2 UL/CSA 61010-1 UL/CSA 61010-2-201 |
| Width | 27 mm |
| Height | 96.5 mm |
| Depth | 70 mm |
| Net weight | 0.10 kg |

Environment

| | |
|--|--|
| Ambient air temperature for storage | -25...70 °C |
| Pollution degree | 2 |
| Ambient air temperature for operation | -10...60 °C |
| IP degree of protection | IP20 conforming to IEC/EN 61010-2-201 |
| Relative humidity | 10...95 % non-condensing |
| Operating altitude | 0...2000 m |
| Storage altitude | 0...3000 m |
| Vibration resistance | 3M4 on 35 x 15 mm symmetrical DIN rail |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.400 cm |
| Package 1 Width | 10.400 cm |
| Package 1 Length | 12.500 cm |
| Package 1 Weight | 178.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 18 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 3.840 kg |



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint | |
|----------------------------------|---|
| Total lifecycle Carbon footprint | 158 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

| Materials and Substances | |
|--|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| SCIP Number | 3b9533ee-f829-495f-9b87-8bb0822090f1 |
| REACH Regulation | REACH Declaration |
| 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 www.P65Warnings.ca.gov |
| PVC free | Yes |

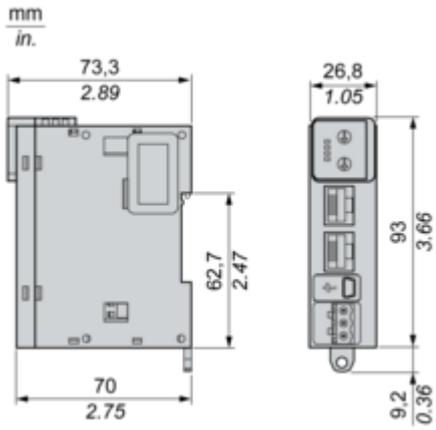
Use Again

| Repack and remanufacture | |
|---------------------------------|---|
| End of life manual availability | End of Life Information |
| Take-back | No |
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions Drawings

Dimensions

Side and Front Views



Mounting and Clearance

Spacing Requirements

