Product data sheet

Specifications



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

TM3BCEIP

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon TM3
Product or Component Type	I/O distributed module
Product Compatibility	Logic controller Motion controller

Complementary

Communication Port Protocol	Ethernet IP/Modbus TCP
Communication Network Type	Ethernet IP Modbus TCP IPv4 (internet protocol)
Port Ethernet	10/100BASE-T
Web services	Web server, Ethernet Web server, USB
Current consumption	0.8 A 24 V DC internal supply maximum 7 expansion modules
Connector type	RJ45 Mini USB port
Exchange mode	Half duplex, full duplex, autonegotiation
Transmission Rate	10/100 Mbit/s
Topology	Daisy chain
Communication Service	Ethernet/IP adapter Modbus TCP/IP server RSTP (Ring topology support) SNMP Web server DHCP client BOOTP Address conflict detection FTP server
Local signalling	1 LED green/red PWR (System Status) 1 LED green/red MS (Module Status) 1 LED green/red NS (Network Status) 1 LED green/red I/O status
Fixing mode	By clipping locks (rail) By screws (mounting plate)
Height	3.8 in (96.5 mm)
Width	1.06 in (27 mm)
Depth	2.8 in (70 mm)
Net Weight	0.22 lb(US) (0.10 kg)

Environment

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

IP Degree of Protection	IP20
Product certifications	CE CULus EAC RCM UKCA EU-RO MR
Standards	IEC 61131-2 UL/CSA 61010-1 UL/CSA 61010-2-201
Ambient air temperature for operation	14…140 °F (-10…60 °C)
Ambient air temperature for storage	-13…158 °F (-25…70 °C)
Operating altitude	0...6561.68 ft (0...2000 m)
Pollution degree	2
Vibration resistance	3M4 on 35 mm DIN rail

Ordering and shipping details

Category	US10MSX22533
Discount Schedule	0MSX
GTIN	3606489703530
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.913 in (7.400 cm)
Package 1 Width	4.094 in (10.400 cm)
Package 1 Length	4.921 in (12.500 cm)
Package weight(Lbs)	6.279 oz (178.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	8.466 lb(US) (3.840 kg)

Contractual warranty

Warranty (in months)	18

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 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**3 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**155 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**3b9533ee-f829-495f-9b87-8bb0822090f1**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer

Lifetime extension

Repair	**No**

Use Again

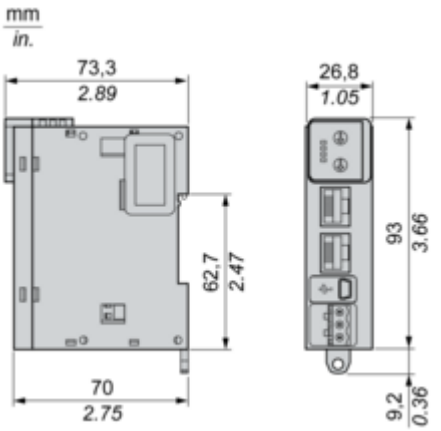
Repack and remanufacture

Recyclability potential, in %	**8**
Circularity Profile	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

