

Product data sheet

Specifications



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

TM3BCCO

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	CANopen
Connector type	RJ45 2 CANopen daisy chain isolated USB device port Mini-B
Transmission rate	20 kbit/s...1 Mbit/s
Topology	Daisy chain
Communication network type	CANopen
Communication service	CANopen slave device profile
Web services	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 RUN (Run) 1 LED green/red for ERR (Error) 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
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
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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	7.500 cm
Package 1 Width	10.500 cm
Package 1 Length	12.500 cm
Package 1 Weight	168.000 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	3.748 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

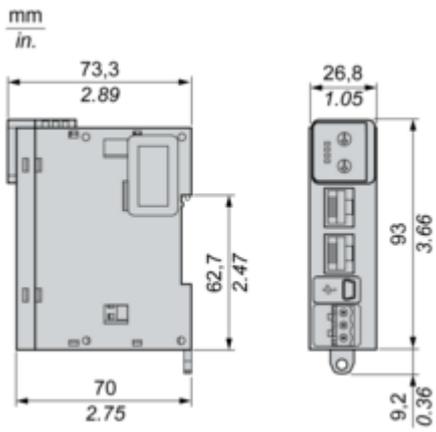
Use Again

 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

