

Product data sheet

Specifications



bus coupler module, Modicon TM3,
distributed IO, optimized, Serial Line
interface, IP20

TM3BCSL

Product availability: Stock - Normally stocked in distribution facility

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	Modbus serial
Connector type	RJ45 2 serial link daisy chain isolated USB device port Mini-B
Exchange mode	Half duplex
Transmission Rate	1.2...115.2 kbit/s
Topology	Daisy chain
Communication Network Type	Modbus
Communication Service	Modbus slave device profile
Web services	Web server, USB
Current consumption	0.8 A 24 V DC internal supply maximum 7 expansion modules
Local signalling	1 LED green/red PWR (System Status) 1 LED green/red COM (Run) 1 LED green/red ERR (Error) 1 LED green/red 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	1.06 in (27 mm)
Height	3.8 in (96.5 mm)
Depth	2.8 in (70 mm)
Product 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.

Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Pollution degree	2
Ambient Air Temperature for Operation	14...140 °F (-10...60 °C)
IP degree of protection	IP20 conforming to IEC/EN 61010-2-201
Relative Humidity	10...95 % non-condensing
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0...9842.5 ft (0...3000 m)
Vibration resistance	3M4 35 x 15 mm symmetrical DIN rail

Ordering and shipping details

Category	US10MSX22533
Discount Schedule	0MSX
GTIN	3606489811051
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.99 in (7.6 cm)
Package 1 Width	4.21 in (10.7 cm)
Package 1 Length	5.00 in (12.7 cm)
Package weight(Lbs)	5.9 oz (167.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.11 lb(US) (3.68 kg)



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

Carbon footprint (kg CO2 eq, Total Life cycle)	158
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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SCIP Number	3b9533ee-f829-495f-9b87-8bb0822090f1
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REACH Regulation	REACH Declaration
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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
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Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
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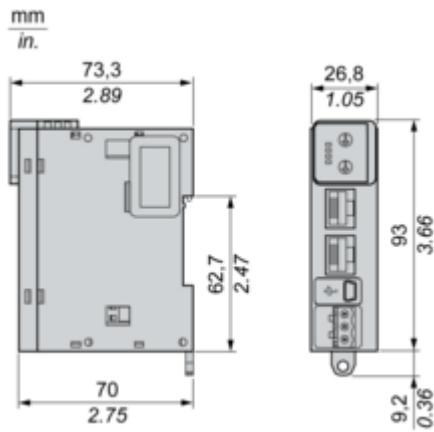
Take-back	No
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WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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Dimensions Drawings

Dimensions

Side and Front Views



Mounting and Clearance

Spacing Requirements