

Product data sheet

Specifications



remote receiver module; Modicon TM3

TM3XREC1

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon TM3
Product or Component Type	Remote receiver module
Range Compatibility	Modicon M221 Modicon M251 Modicon M241 Modicon M262

Complementary

Maximum Number of I/O Expansion Module	7
[Us] rated supply voltage	24 V DC external supply - 15...20 %)
Power supply output current	560 mA 5 V expansion bus 560 mA 24 V expansion bus
Current consumption	40 mA 24 V DC via bus connector
Maximum power dissipation in W	1 W
Cable distance between devices	0.02...0.2 in (0.5...5 mm) extension cable 2 RJ45 between receiver and transmitter
Electrical connection	RJ45 connector for connecting the bus transmitter removable screw terminal block, 3 for connecting the 24 V DC power supply
Local signalling	1 LED green power supply 1 LED green Link (Link Status)
Electromagnetic emission	Radiated emissions 40 dBµV/m QP class A 10 m)30...230 MHz IEC 55011 Radiated emissions 47 dBµV/m QP class A 10 m)230...1000 MHz IEC 55011
Mounting support	Top hat type TH35-15 rail IEC 60715 Top hat type TH35-7.5 rail IEC 60715 plate or panel with fixing kit
Height	3.5 in (90 mm)
Width	0.93 in (23.65 mm)
Depth	2.9 in (73.3 mm)
Product Weight	0.165 lb(US) (0.075 kg)

Environment

IP Degree of Protection	IP20
Marking	CE

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

Product certifications	Merchant Navy GOST C-tick CSA HazLoc CE UKCA RCM EAC CULus
Standards	CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group D UL 1604 Class 1 Division 2 CSA C22.2 No 142 IEC 61131-2 UL 508
Ambient air temperature for operation	14...131 °F (-10...55 °C) horizontal installation) 14...122 °F (-10...50 °C) vertical installation)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Relative humidity	5...95 % without condensation
Operating altitude	0...6561.68 ft (0...2000 m)
Pollution degree	2
Vibration resistance	3.5 mm 5...8.4 Hz) on DIN rail 3 gn 8.4...150 Hz) on DIN rail 3.5 mm 5...8.4 Hz) on panel mounting 3 gn 8.4...150 Hz) on panel mounting
Shock resistance	15 gn 11 ms

Ordering and shipping details

Category	US10MSX22533
Discount Schedule	0MSX
GTIN	3606480611247
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.919 in (7.414 cm)
Package 1 Width	4.127 in (10.483 cm)
Package 1 Length	4.956 in (12.587 cm)
Package weight(Lbs)	5.6 oz (160.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	8.005 lb(US) (3.631 kg)
Unit Type of Package 3	P12

Number of Units in Package 3	144
Package 3 Height	29.5 in (75 cm)
Package 3 Width	23.6 in (60 cm)
Package 3 Length	31.5 in (80 cm)
Package 3 Weight	88.2 lb(US) (40 kg)

Contractual warranty

Warranty (in months)	18
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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	21 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 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]	20 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 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	91cf81c4-f22d-428b-a036-2e24fcc66509
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
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Use Again

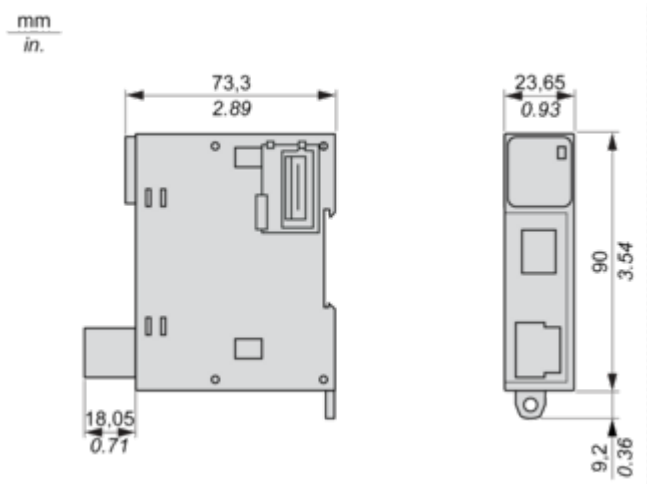


Repack and remanufacture

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.

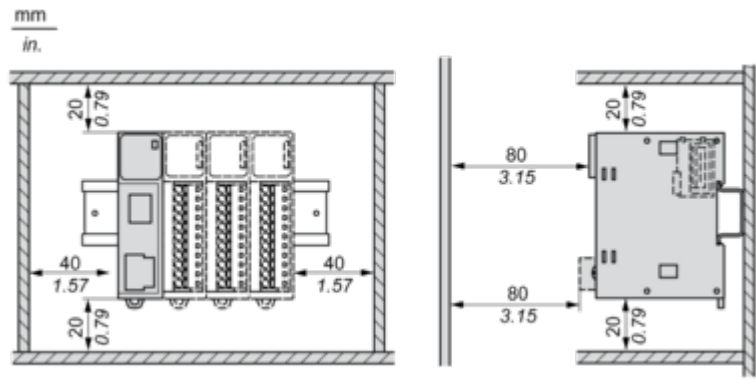
Dimensions Drawings

Dimensions

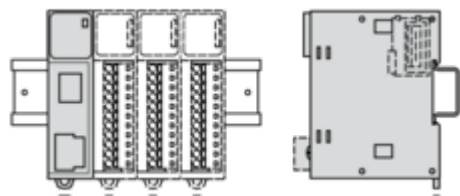


Mounting and Clearance

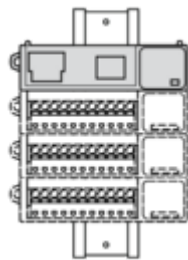
Spacing Requirements



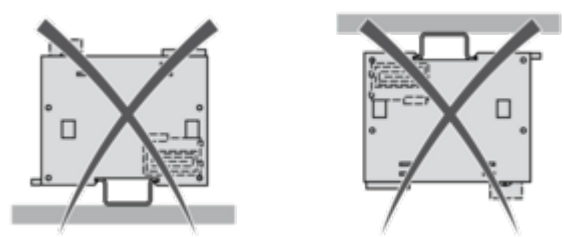
Mounting on a Rail



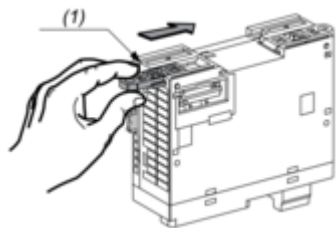
Vertical Mounting



Incorrect Mounting



Mounting on a Panel Surface



(1) Install a mounting strip

Mounting Hole Layout

