

# Product data sheet

Specifications



## remote transmitter module; Modicon TM3

TM3XTRA1

**Product availability: Stock - Normally stocked in distribution facility**

### Main

|                           |                                                              |
|---------------------------|--------------------------------------------------------------|
| Range of Product          | Modicon TM3                                                  |
| Product or Component Type | Remote transmitter module                                    |
| Range Compatibility       | Modicon M241<br>Modicon M251<br>Modicon M221<br>Modicon M262 |

### Complementary

|                                |                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Current consumption            | 100 mA 5 V DC via bus connector at state on<br>30 mA 5 V DC via bus connector at state off                                                   |
| Maximum power dissipation in W | 0.6 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 receiver<br>Screw connector terminal for connecting the functional ground                              |
| Local signalling               | 1 LED green power supply<br>1 LED green Link (Link Status)                                                                                   |
| Electromagnetic emission       | Radiated emissions 40 dBµV/m QP class A 10 m)30...230 MHz IEC 55011<br>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<br>Top hat type TH35-7.5 rail IEC 60715<br>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                 | 0.143 lb(US) (0.065 kg)                                                                                                                      |

### Environment

|                         |                                                                                    |
|-------------------------|------------------------------------------------------------------------------------|
| IP Degree of Protection | IP20                                                                               |
| Marking                 | CE                                                                                 |
| Product certifications  | Merchant Navy<br>C-tick<br>GOST<br>CSA HazLoc<br>CE<br>UKCA<br>RCM<br>EAC<br>CULus |

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

|                                       |                                                                                                                                                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | CSA C22.2 No 213 Class I Division 2 Group A<br>CSA C22.2 No 213 Class I Division 2 Group B<br>CSA C22.2 No 213 Class I Division 2 Group C<br>CSA C22.2 No 213 Class I Division 2 Group D<br>UL 1604 Class 1 Division 2<br>CSA C22.2 No 142<br>IEC 61131-2<br>UL 508 |
| Ambient air temperature for operation | 14...131 °F (-10...55 °C) horizontal installation)<br>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<br>3 gn 8.4...150 Hz) on DIN rail<br>3.5 mm 5...8.4 Hz) on panel mounting<br>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              | 3606480611230 |
| Returnability     | Yes           |
| Country of origin | ID            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Nbr. of units in pkg.        | 1                       |
| Package 1 Height             | 2.953 in (7.500 cm)     |
| Package 1 Width              | 4.213 in (10.700 cm)    |
| Package 1 Length             | 5.000 in (12.700 cm)    |
| Package weight(Lbs)          | 5.855 oz (166.000 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             | 8.203 lb(US) (3.721 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                       | 27 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]     | 26 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## 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                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                      |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                      |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| PVC free                               | Yes                                                                                                                                                                                                                                                                                         |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again

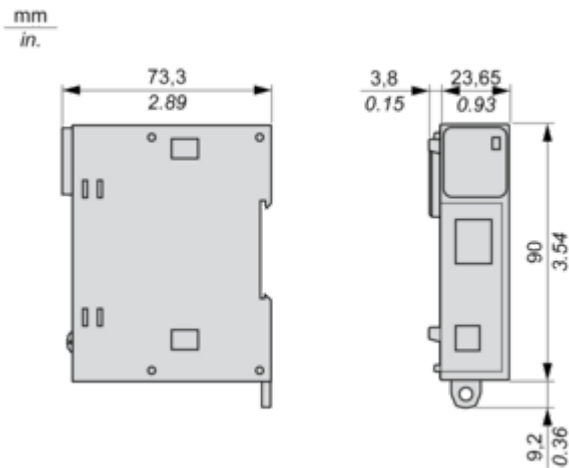


### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 12                                                                                                                                                                                                               |
| Circularity Profile           | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| 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. |

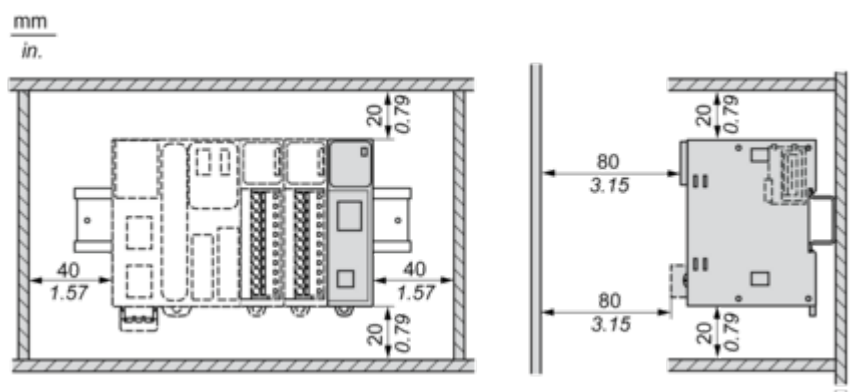
Dimensions Drawings

Dimensions

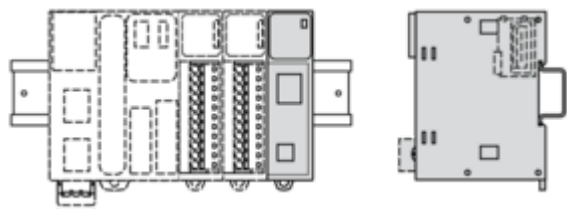


Mounting and Clearance

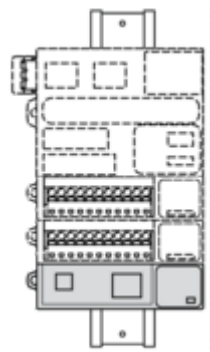
Spacing Requirements



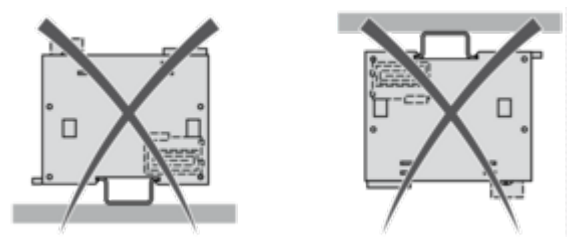
Mounting on a Rail



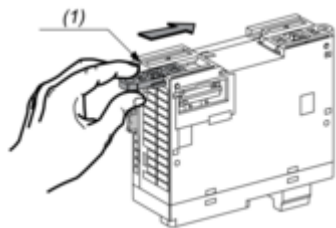
Vertical Mounting



Incorrect Mounting



Mounting on a Panel Surface



(1) Install a mounting strip

Mounting Hole Layout

