Product data sheet

remote transmitter module, Modicon TM3

TM3XTRA1

Product availability : Stock - Normally stocked in distribution facility

Price* : 89.00 USD

Main

<table>
<thead>
<tr>
<th>Range of Product</th>
<th>Modicon TM3</th>
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</thead>
<tbody>
<tr>
<td>Product or Component Type</td>
<td>Remote transmitter module</td>
</tr>
</tbody>
</table>
| Range compatibility | Modicon M241  
                        Modicon M251  
                        Modicon M221  
                        Modicon M262 |

Complementary

| Current consumption | 100 mA 5 V DC via bus connector at state on  
                       30 mA 5 V DC via bus connector at state off |
<table>
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<tr>
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<tbody>
<tr>
<td>Maximum power dissipation in W</td>
<td>0.6 W</td>
</tr>
<tr>
<td>Cable distance between devices</td>
<td>0.02…0.20 in (0.5…5 mm) extension cable 2 RJ45 between receiver and transmitter</td>
</tr>
</tbody>
</table>
| Local signalling | for power supply 1 LED (green)  
                        for link status 1 LED (green) |
| Electrical connection | RJ45 connector for connecting the bus receiver  
                         Screw connector terminal for connecting the functional ground |
| Marking | CE |
| Resistance to electrostatic discharge | 8 kV in air EN/IEC 61000-4-2  
                                          6 kV on contact EN/IEC 61000-4-2 |
| Resistance to electromagnetic fields | 9.14 V/m (10 V/m) 80 MHz...1 GHz EN/IEC 61000-4-3  
                                          2.74 V/m (3 V/m) 1.4 GHz...2 GHz EN/IEC 61000-4-3  
                                          0.91 V/m (1 V/m) 2.2 GHz EN/IEC 61000-4-3 |
| Resistance to conducted disturbances | 10 V 0.15...80 MHz EN/IEC 61000-4-4  
                                         3 V spot frequency (2, 3, 4, 6.2, 8.2, 12.6, 16.5, 18.8, 22, 25 MHz) Marine specification (LR, ABS, DNV, GL) |
| Electromagnetic emission | Radiated emissions 40 dBμV/m QP class A 10 m)30…230 MHz EN/IEC 55011  
                              Radiated emissions 47 dBμV/m QP class A 10 m)230…1000 MHz EN/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 | 3.54 in (90 mm) |
| Depth | 2.89 in (73.3 mm) |
| Width | 0.93 in (23.65 mm) |
| Net Weight | 0.14 lb(US) (0.065 kg) |

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

**Standards**
- Class I Division 2 Groups A/B/C CSA C22.2 No 213
- Class I Division 2 Groups A/B/C UL 1604
- CSA C22.2 No 142
- IEC 61131-2
- UL 508

**Product Certifications**
- Merchant Navy
- C-tick
- GOST
- CSA HazLoc
- CE
- UKCA
- RCM
- EAC
cULus

**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

**IP degree of protection**
- IP20 with protective cover in place

**Pollution degree**
- 2

**Operating altitude**
- 0…6561.68 ft (0…2000 m)

**Storage altitude**
- 0.00…9842.52 ft (0…3000 m)

**Vibration resistance**
- 3.5 mm 5…8.4 Hz DIN rail
- 3 gn 8.4…150 Hz DIN rail
- 3.5 mm 5…8.4 Hz panel
- 3 gn 8.4…150 Hz panel

**Shock resistance**
- 15 gn 11 ms

### Ordering and shipping details

**Category**
- 22533-M2XX PLC & ACCESSORIES

**Discount Schedule**
- MSX

**GTIN**
- 3606480611230

**Returnability**
- Yes

**Country of origin**
- ID

### Packing Units

**Unit Type of Package 1**
- PCE

**Number of Units in Package 1**
- 1

**Package 1 Height**
- 2.95 in (7.5 cm)

**Package 1 Width**
- 4.92 in (12.5 cm)

**Package 1 Length**
- 4.13 in (10.5 cm)

**Package 1 Weight**
- 5.75 oz (163.0 g)

**Unit Type of Package 2**
- S03

**Number of Units in Package 2**
- 8

**Package 2 Height**
- 11.81 in (30 cm)

**Package 2 Width**
- 11.81 in (30 cm)

**Package 2 Length**
- 15.75 in (40 cm)

**Package 2 Weight**
- 3.93 lb (US) (1.783 kg)

**Unit Type of Package 3**
- P06

**Number of Units in Package 3**
- 144
| Package 3 Height | 29.53 in (75 cm) |
| Package 3 Width | 23.62 in (60 cm) |
| Package 3 Length | 31.50 in (80 cm) |
| Package 3 Weight | 81.57 lb(US) (37 kg) |

### Offer Sustainability

| Sustainable offer status | Green Premium product |
| 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 |

### REACh Regulation

| REACh Declaration |
| Pro-active compliance (Product out of EU RoHS legal scope) |

### Mercury free

| Yes |

### China RoHS Regulation

| China RoHS declaration |

### RoHS exemption information

| Yes |

### Environmental Disclosure

| Product Environmental Profile |

### Circularity Profile

| End of Life Information |

### WEEE

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

### PVC free

| Yes |
Dimensions

Product data sheet

Dimensions Drawings

TM3XTRA1

Nov 19, 2023
Spacing Requirements

[Diagram showing spacing requirements in millimeters (mm).]
Mounting and Clearance

Mounting on a Rail

Vertical Mounting

Incorrect Mounting
Product data sheet

Mounting and Clearance

Mounting on a Panel Surface

(1) Install a mounting strip

Mounting Hole Layout

Recommended replacement(s)

Nov 19, 2023