

# Product data sheet

Specifications



## Remote transmitter module, Modicon TM5, communication between I/O IP20 and IP67

TM5SBET7

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

### Main

Range of Product	Modicon TM5
Product or Component Type	Remote transmitter module
Product Specific Application	Communication between remote I/O

### Complementary

Range Compatibility	Modicon M258 Modicon LMC058
Product Compatibility	Motion controller Logic controller
[Us] rated supply voltage	24 V DC - 15...20 %
Color	White
Bus length	8202.10 ft (2500 m)
Maximum cable distance between devices	328.08 ft (100 m)
Current consumption	25 mA 24 V DC input/output 100 mA 5 V DC bus
Maximum power dissipation in W	1.1 W
Local signalling	1 LED green power supply 1 LED red power supply 1 LED yellow communication data bus
Supply	Included for IP67 extension modules
Marking	CE
Net Weight	0.055 lb(US) (0.025 kg)

### Environment

Standards	UL 508 CSA C22.2 No 142 IEC 61131-2 CSA C22.2 No 213
Product Certifications	CSA GOST-R cULus C-tick
Ambient air temperature for operation	32...122 °F (0...50 °C) vertical installation) 32...131 °F (0...55 °C) without derating horizontal installation) 32...140 °F (0...60 °C) with derating factor horizontal installation)
Ambient Air Temperature for Storage	-13...158 °F (-25...70 °C)
Relative Humidity	5...95 % without condensation

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>IP degree of protection</b>	IP20 IEC 61131-2 IP67
<b>Pollution degree</b>	2 IEC 60664
<b>Operating altitude</b>	0...6561.68 ft (0...2000 m)
<b>Storage altitude</b>	0...9842.5 ft (0...3000 m)
<b>Vibration resistance</b>	1 gn 8.4...150 Hz DIN rail 3.5 mm 5...8.4 Hz DIN rail
<b>Shock resistance</b>	15 gn 11 ms
<b>Resistance to electrostatic discharge</b>	4 kV on contact IEC 61000-4-2 8 kV in air IEC 61000-4-2
<b>Resistance to electromagnetic fields</b>	0.9 V/m (1 V/m) 2...2.7 GHz IEC 61000-4-3 9.1 V/m (10 V/m) 80...2000 MHz IEC 61000-4-3
<b>Resistance to fast transients</b>	1 kV IEC 61000-4-4 I/O) 1 kV IEC 61000-4-4 shielded cable) 2 kV IEC 61000-4-4 power lines)
<b>Surge withstand</b>	0.5 kV differential mode IEC 61000-4-5 1 kV common mode IEC 61000-4-5
<b>Electromagnetic compatibility</b>	EN/IEC 61000-4-6
<b>Disturbance radiated/conducted</b>	CISPR 11

## Ordering and shipping details

<b>Category</b>	US1PC1222532
<b>Discount Schedule</b>	PC12
<b>GTIN</b>	3595864074894
<b>Returnability</b>	Yes
<b>Country of origin</b>	AT

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	0.787 in (2.000 cm)
<b>Package 1 Width</b>	2.362 in (6.000 cm)
<b>Package 1 Length</b>	4.134 in (10.500 cm)
<b>Package weight(Lbs)</b>	1.764 oz (50.000 g)
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	97
<b>Package 2 Height</b>	5.906 in (15.000 cm)
<b>Package 2 Width</b>	11.811 in (30.000 cm)
<b>Package 2 Length</b>	15.748 in (40.000 cm)
<b>Package 2 Weight</b>	11.413 lb(US) (5.177 kg)

## Contractual warranty

<b>Warranty</b>	18 months
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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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

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

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](http://www.P65Warnings.ca.gov)

PVC free

Yes

## Use Again

### Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)

Take-back

No

WEEE Label

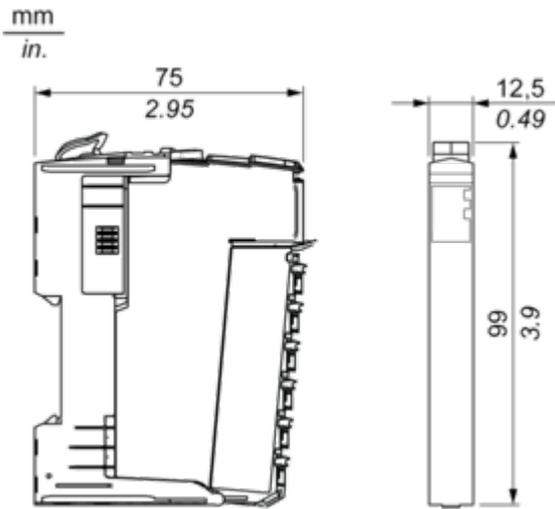
 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

TM5 Slice

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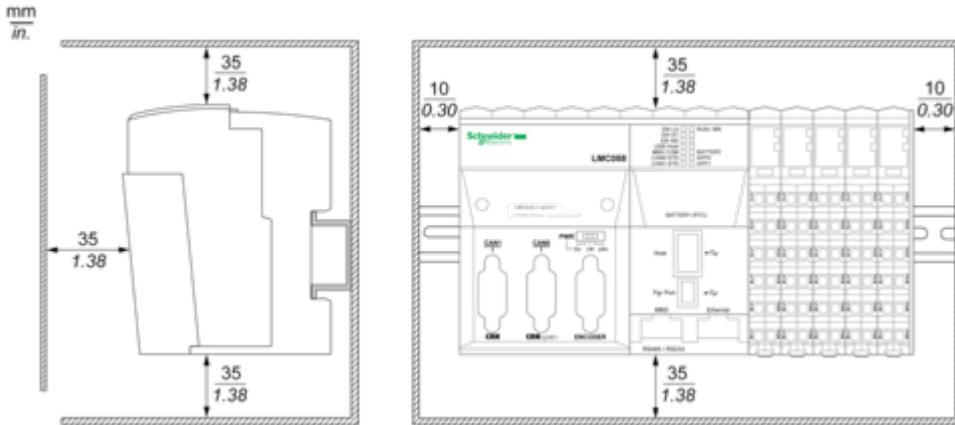
Dimensions



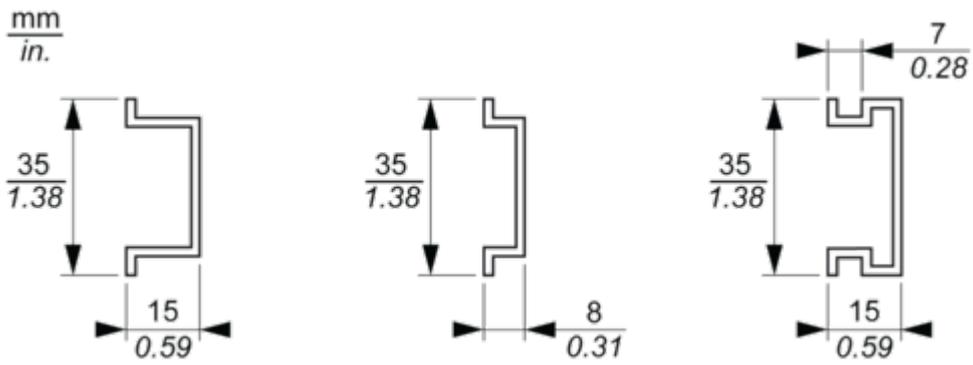
Mounting and Clearance

TM5 System

Spacing Requirements



Mounting on a DIN Rail

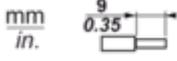


Connections and Schema

**TM5 System Wiring Recommendations**

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**Wire Sizes to Use with the Removable Spring Terminal Blocks**

 mm in.				
mm <sup>2</sup>	0,08...2,5	0,25...2,5	0,25...1,5	2 x 0,25...2 x 0,75
AWG	28...14	24...14	24...16	2 x 24...2 x 18

