



Product availability: Stock - Normally stocked in distribution facility

Price*: 314.00 USD



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 for power supply 1 LED red for power supply 1 LED yellow communication data bus |
| Supply | Included for IP67 extension modules |
| Marking | CE |
| Net Weight | 0.06 Lb(US) (0.025 kg) |

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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 |
| IP degree of protection | IP20IEC 61131-2 IP67 |
| Pollution degree | 2 IEC 60664 |
| Operating altitude | 0...6561.68 ft (0...2000 m) |
| Storage altitude | 0.00...9842.52 Ft (0...3000 m) |
| Vibration resistance | 1 gn 8.4...150 Hz DIN rail 3.5 mm 5...8.4 Hz DIN rail |
| Shock resistance | 15 gn 11 ms |
| Resistance to electrostatic discharge | 4 KV on contact EN/IEC 61000-4-2 8 KV in air EN/IEC 61000-4-2 |
| Resistance to electromagnetic fields | 0.91 V/M (1 V/m) 2...2.7 GHz EN/IEC 61000-4-3 9.14 V/M (10 V/m) 80...2000 MHz EN/IEC 61000-4-3 |
| Resistance to fast transients | 1 KV EN/IEC 61000-4-4 I/O) 1 KV EN/IEC 61000-4-4 shielded cable) 2 KV EN/IEC 61000-4-4 power lines) |
| Surge withstand | 0.5 KV differential mode EN/IEC 61000-4-5 1 KV common mode EN/IEC 61000-4-5 |
| Electromagnetic compatibility | EN/IEC 61000-4-6 |
| Disturbance radiated/conducted | CISPR 11 |

Ordering and shipping details

| | |
|-----------------------|------------------|
| Category | 22532 - M258 PLC |
| Discount Schedule | PC12 |
| GTIN | 03595864074894 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.76 Oz (50 g) |
| Returnability | Yes |
| Country of origin | AT |

Packing Units

| | |
|------------------------------|-----------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 0.79 In (2 cm) |
| Package 1 width | 2.36 In (6 cm) |
| Package 1 Length | 4.13 In (10.5 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 97 |
| Package 2 Weight | 11.46 Lb(US) (5.2 kg) |
| Package 2 Height | 5.91 In (15 cm) |
| Package 2 width | 11.81 In (30 cm) |
| Package 2 Length | 15.75 In (40 cm) |

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 |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union legal markets following specific waste collection and never end up in rubbish bins. |
| PVC free | Yes |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

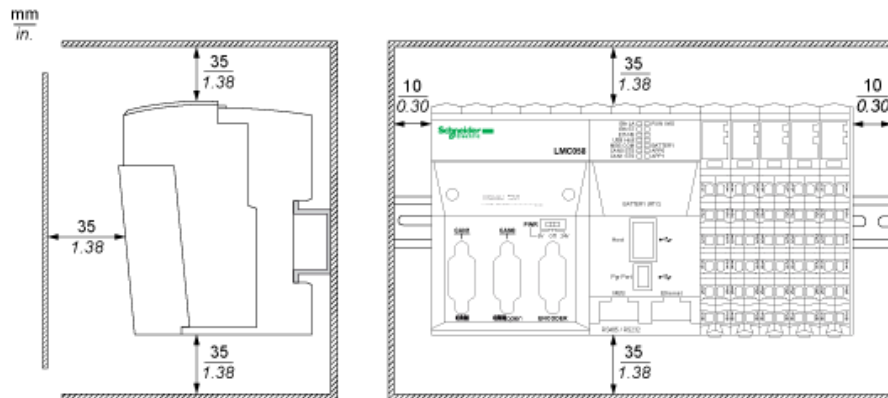
TM5 Slice

Dimensions

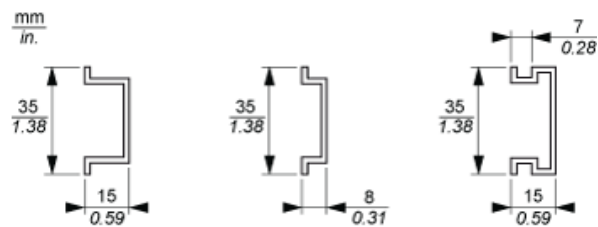


TM5 System

Spacing Requirements







Mounting on a DIN Rail



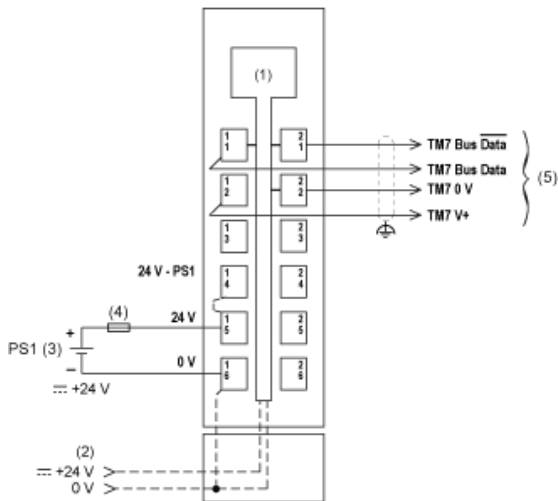
TM5 System Wiring Recommendations

Wire Sizes to Use with the Removable Spring Terminal Blocks

| mm in. |  |  |  |  |
|-----------------|---|---|---|---|
| mm ² | 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 |

Transmitter Electronic Module

Wiring Diagram



- (1) Internal electronics
- (2) 24 Vdc I/O power segment integrated into the bus bases
- (3) PS1: External isolated power supply 24 Vdc
- (4) External fuse, Type T slow-blow: 1 A max., 250 V
- (5) TM7 Expansion bus cable (TCSXCN•FNX••E)

Product Life Status : **Commercialised**