Product datasheet

Specifications

Modicon M171 Performance Plug-in Modbus SL

TM171AMB

Main

Range of product	Modicon M171
Product or component type	Communication module
Communication port protocol	Modbus RTU RS485

Complementary

Integrated connection type	RS485 wire crimp - twisted pair
Adjustment	Pitch 3.81 mm
Electrical connection	removable screw terminal block
Physical interface	90° insertion - 2.5 mm² cable
Supply	Via base board EVD/EVC
Product compatibility	Logic controller M172 performance Logic controller M171 performance
Net weight	0.077 kg

Environment

Product certifications	EAC CSA CE cURus
Marking	CE
IP degree of protection	IP20
Ambient air temperature for operation	-10…55 °C
Ambient air temperature for storage	-20…85 °C
Relative humidity	10…90 % without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.0 cm
Package 1 Width	9.1 cm
Package 1 Length	18.5 cm
Package 1 Weight	166.0 g
Unit Type of Package 2	S02

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Number of Units in Package 2	6
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.306 kg

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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 〉

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

Take-back	**No**

Dimensions Drawings

Dimensions

mm / in.

24.25 / 0.95

71.2 / 2.80

41.8 / 1.65   12.55 / 0.49   35 / 1.38
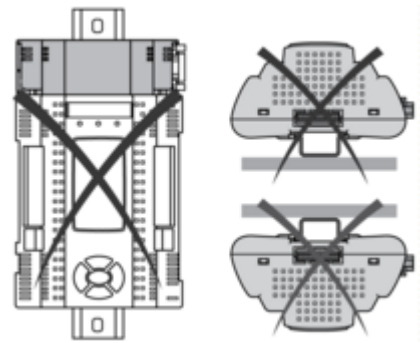
45 / 1.77   76 / 2.99   110 / 4.33
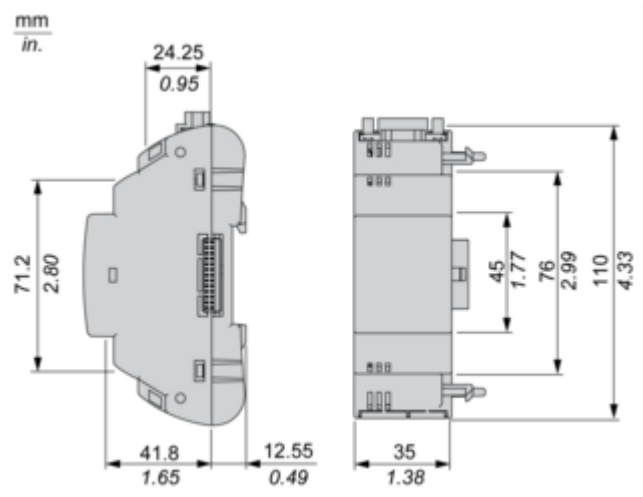
Mounting and Clearance

Mounting and Clearance
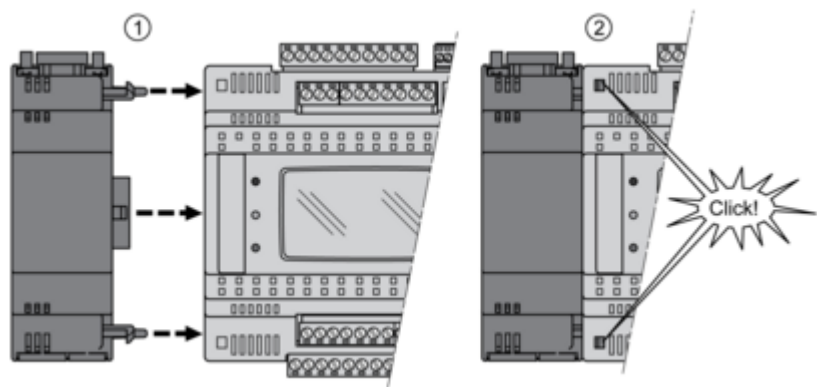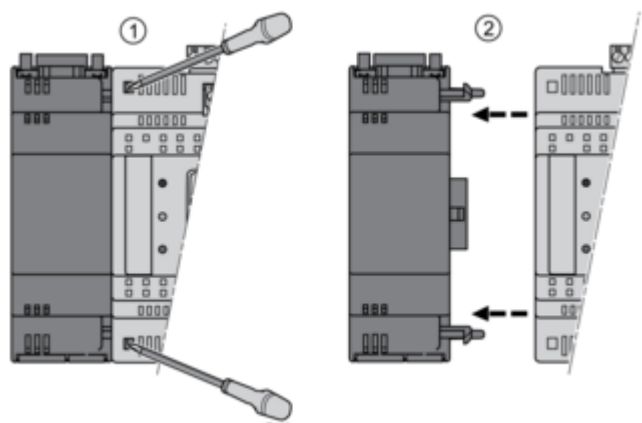
Clearance
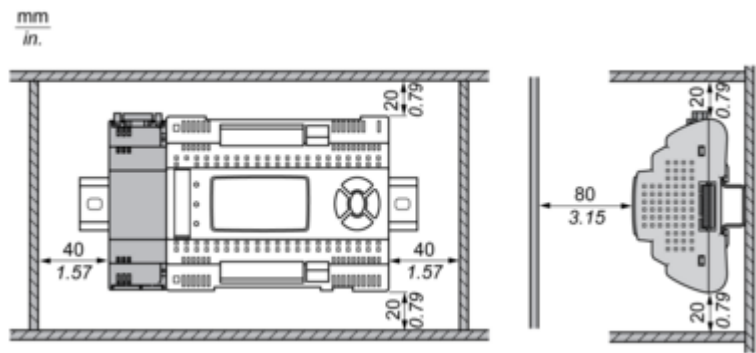
Misplacement

Mounting on Controller

Dismounting

Connections and Schema

Connections and Schema

RS 485 Communication Module
TM171AMB

25 Mar 2025