Product datasheet

Specifications

Modicon M171 Performance Plug-in BACnet MSTP or Modbus

TM171ARS485

Main

Range of product	Modicon M171
product or component type	Communication module
Communication port protocol	RS485 BACnet MS/TP Modbus RTU

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	cURus CSA EAC CE
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	13.000 cm
Package 1 Width	9.100 cm
Package 1 Length	18.500 cm
Package 1 Weight	181.000 g
Unit Type of Package 2	S02

Number of Units in Package 2	6
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.281 kg

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Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Resource performance

✔ Upgradeable Through Digital Modules And Upgraded Components

Well-being performance

✔ Mercury Free

✔ Rohs Exemption Information   Yes

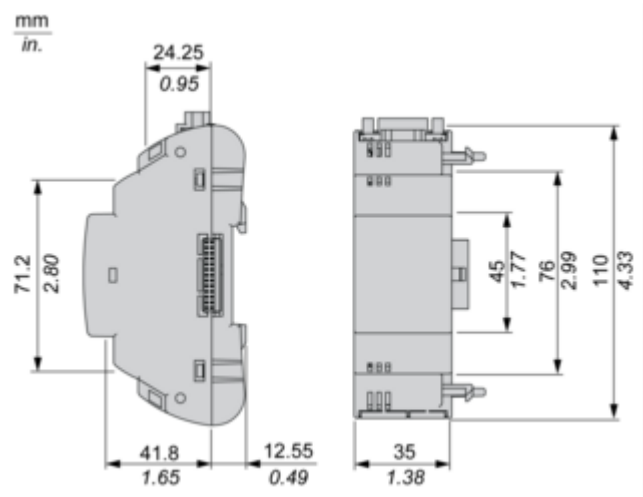|	
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

TM171ARS485

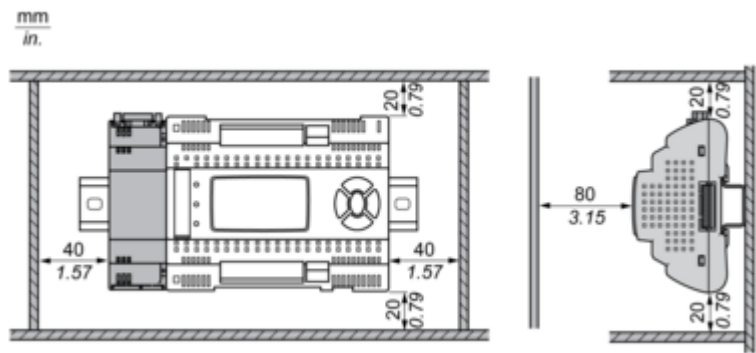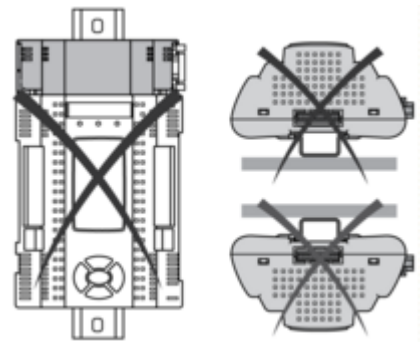Dimensions Drawings

Dimensions
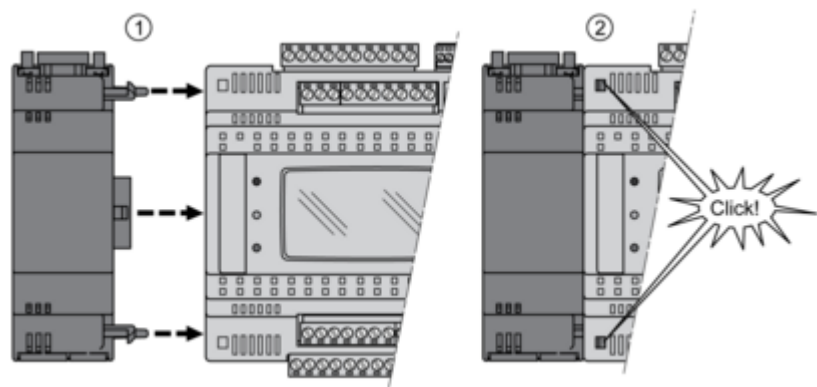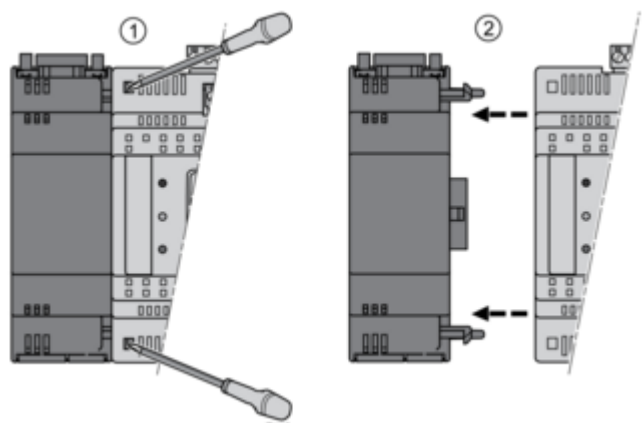
Mounting and Clearance

Clearance

Misplacement

Mounting on Controller

Dismounting

Connections and Schema

RS 485 Communication Module
TM171ARS485

28-Jun-2024

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