

Product datasheet

Specifications



Modicon M171 Performance Plug-in Ethernet and BACnet MSTP or Modbus

TM171AETHRS485

Main

Range of product	Modicon M171
product or component type	Communication module
Communication port protocol	BACnet IP SMTP HTTP Ethernet Modbus TCP Modbus RTU RS485 BACnet MS/TP

Complementary

Integrated connection type	Ethernet RJ45 - twisted pair RS485 wire crimp - twisted pair
Adjustment	Pitch 3.81 mm
Electrical connection	removable screw terminal block
Physical interface	90° insertion - 2.5 mm² cable RJ45
Supply	Via base board EVD/EVC
Product compatibility	Logic controller M171 performance
net weight	0.077 kg

Environment

Product certifications	CE CSA cURus EAC
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	13.200 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 1 Width	9.100 cm
Package 1 Length	18.700 cm
Package 1 Weight	173.900 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	1.351 kg

Sustainability


Green Premium™ 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-CO₂ 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](#)

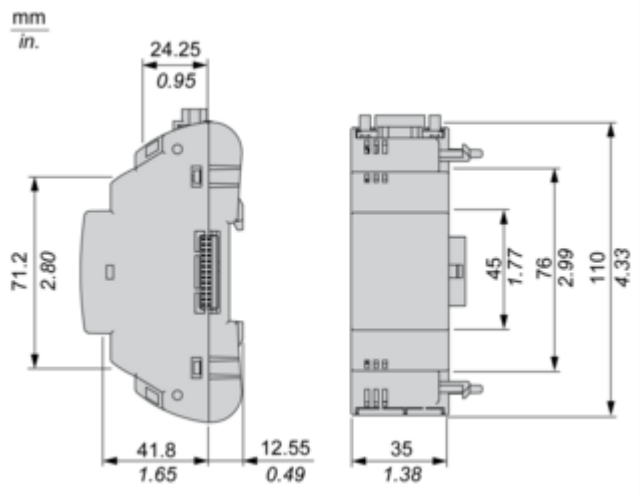
Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

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

Dimensions Drawings

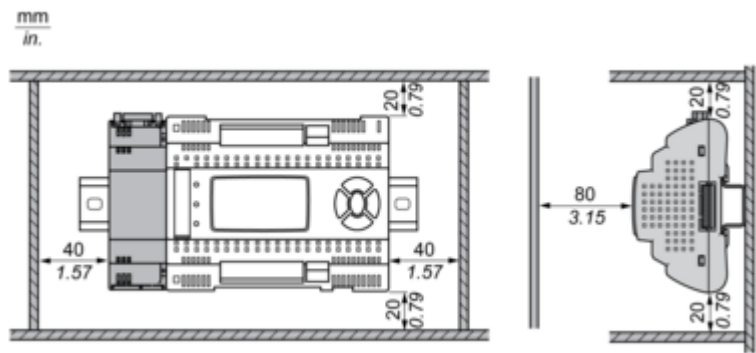
Dimensions



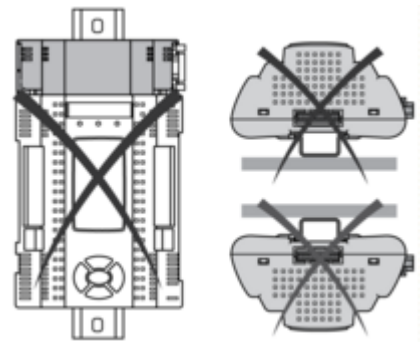
Mounting and Clearance

Mounting and Clearance

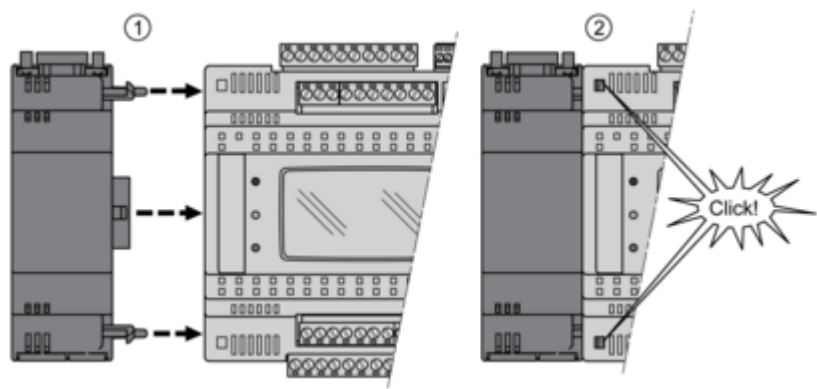
Clearance



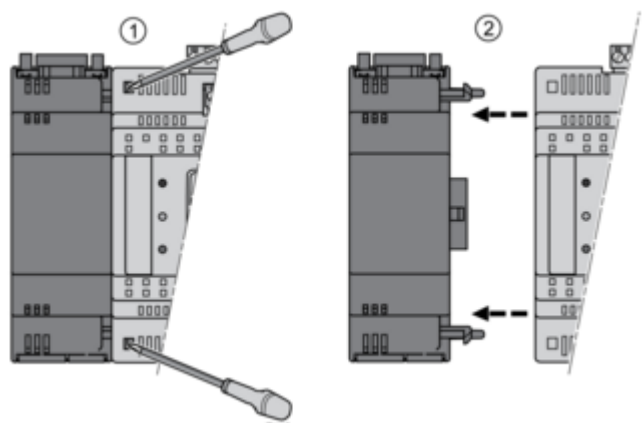
Misplacement



Mounting on Controller

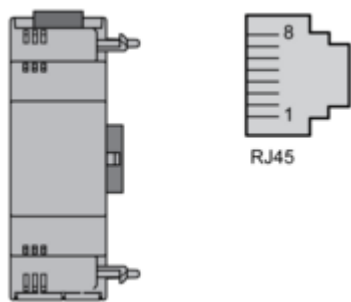


Dismounting



Connections and Schema

Ethernet Port (ETH)



Serial Line Port (RS 485)

