

Product data sheet

Specifications



M172 IloT Secure Interface Plug-in

TM172SIP

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon M171/M172
Product or Component Type	Communication module
Concept	Modbus
Communication Port Protocol	Modbus TCP/IP HTTPS FTPS NTP SMTPS SNMP v2 SNMP v3 MQTT over TLS

Complementary

Power Consumption in W	8 W
Integrated connection type	2 Ethernet TCP/IP 2 x RJ45 in parallel - ethernet cable - embedded HTTPS server 1 USB (V2.0) port USB host port type A 1 USB (V2.0) port USB device port type mini-B
Transmission rate	10/100/1000 Mbps for connecting Ethernet network
Physical interface	10 BASE-T/100 BASE-TX/1000 BASE-T - 10/100/1000 BASE-TX
Memory description	Internal RAM 256 MB Flash 512 MB
Supply	External power supply
Local signalling	LED (green) for power ON LED (red) for USER (programmable) LED (yellow) for USER (programmable) LED (green) for USER (programmable)
Product Compatibility	Logic controller M172
Overvoltage category	I
Width	4.3 in (110 mm)
Height	2.4 in (60 mm)
Depth	2.8 in (72 mm)
Product Weight	0.364 lb(US) (0.165 kg)

Environment

Product Certifications	cURus CSA EAC CE RCM UKCA UL 94
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

IP Degree of Protection	IP20
Ambient Air Temperature for Operation	-4...131 °F (-20...55 °C)
Ambient Air Temperature for Storage	-22...158 °F (-30...70 °C)
Relative Humidity	5...95 % non-condensing
Pollution degree	2
Shock resistance	1 g 11 ms

Ordering and shipping details

Category	US1PC1222537
Discount Schedule	PC12
GTIN	3606482071100
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.756 in (7.000 cm)
Package 1 Width	3.622 in (9.200 cm)
Package 1 Length	5.236 in (13.300 cm)
Package weight(Lbs)	7.619 oz (216.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	7.765 lb(US) (3.522 kg)

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	140 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	20 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	119 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	D8362b3a-4f57-4147-a612-14f82aa349fe
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
Upgradeability	Yes

Use Again



Repack and remanufacture

Recyclability potential, in %	8
Circularity Profile	End of Life Information
Removable battery	Yes
Take-back	No

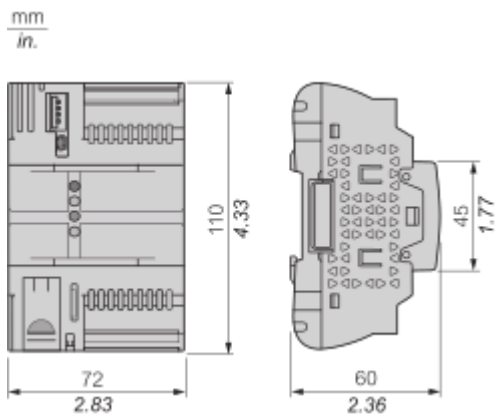


The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

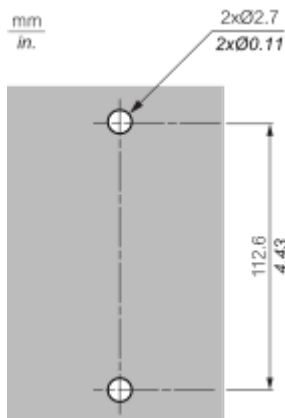
Dimensions Drawings

Dimensions Drawings

Dimension



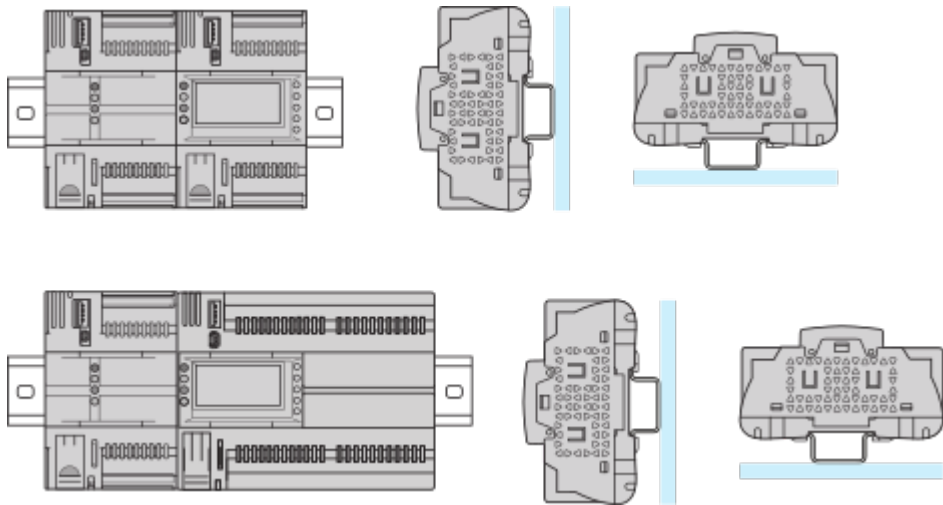
Mounting Holes Layout



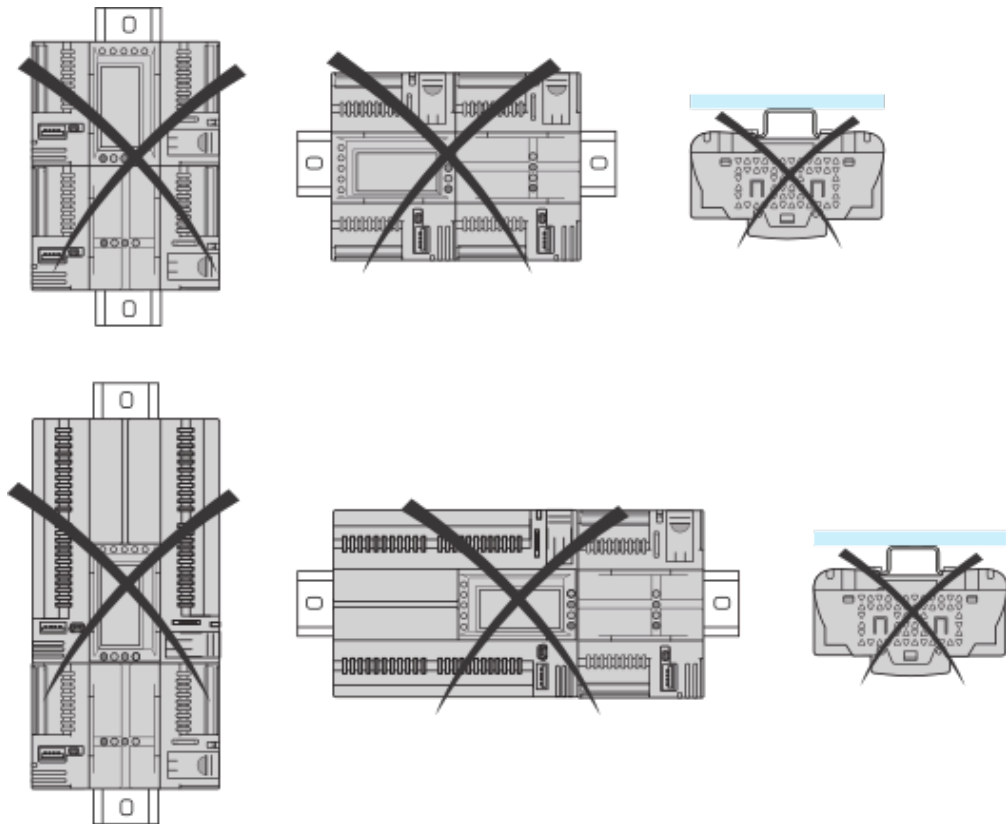
Mounting and Clearance

Mounting Positions

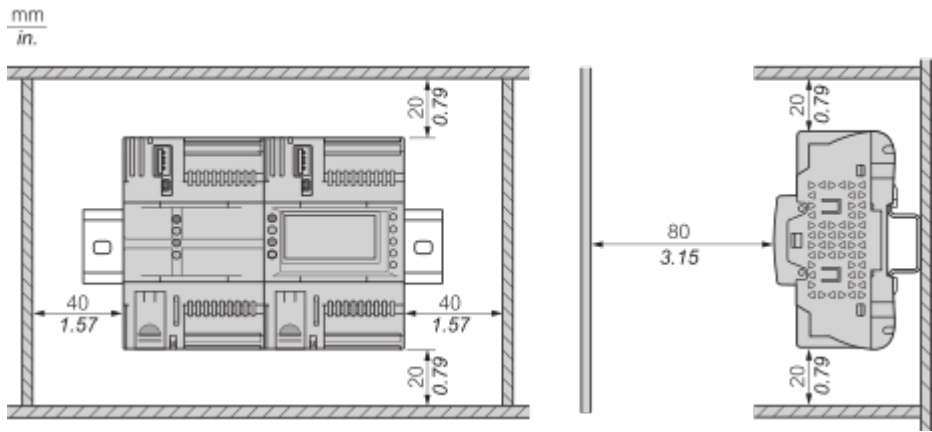
Correct Mounting Position



Incorrect Mounting Position

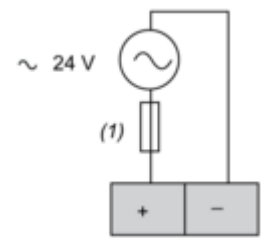
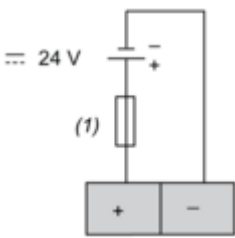


Clearance



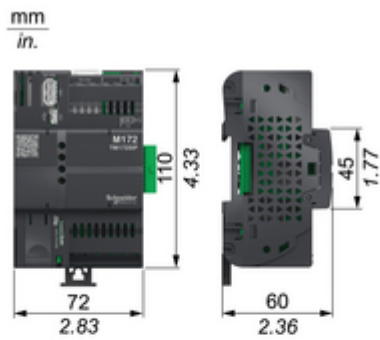
Connections and Schema

Power Supply

24 Vac	24 Vdc
	
(1) Type T fuse 2 A	

Technical Illustration

Dimensions



Mounting Holes Layout

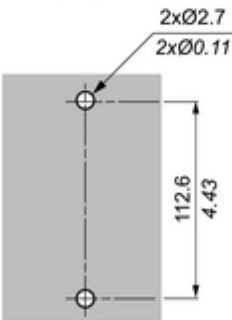


Image of product / Alternate images

Alternative

