



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 RS485 1 removable 3-way screw connector - twisted shielded pairs cable
Transmission rate	10/100/1000 Mbps for connecting Ethernet network 9600...115200 bauds RS485 link
Physical interface	10 BASE-T/100 BASE-TX/1000 BASE-T - 10/100/1000 BASE-TX RS485
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	110 mm
Height	60 mm
Depth	72 mm
Net weight	0.165 kg

Environment

Product certifications	cURus[RETURN]CSA[RETURN]EAC[RETURN]CE[RETURN]RCM[RETURN]UKCA
IP degree of protection	IP20
Ambient air temperature for operation	-20...55 °C
Ambient air temperature for storage	-30...70 °C
Relative humidity	5...95 % non-condensing
Pollution degree	2
Shock resistance	1 g for 11 ms

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Packing Units

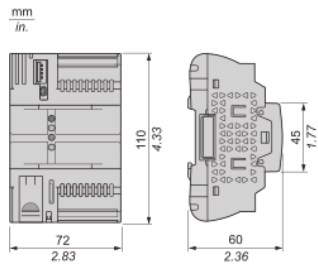
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.000 cm
Package 1 Width	9.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	212.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.460 kg

Offer Sustainability

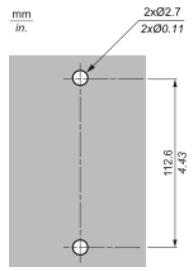
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile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

Dimensions Drawings

Dimension

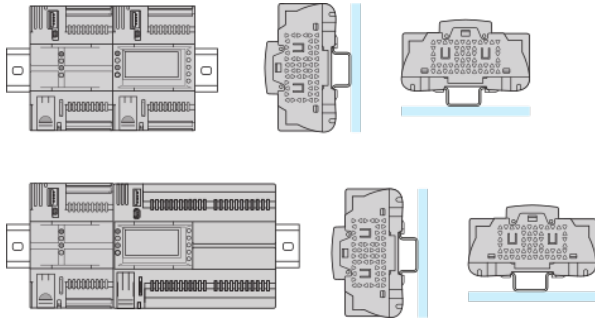


Mounting Holes Layout

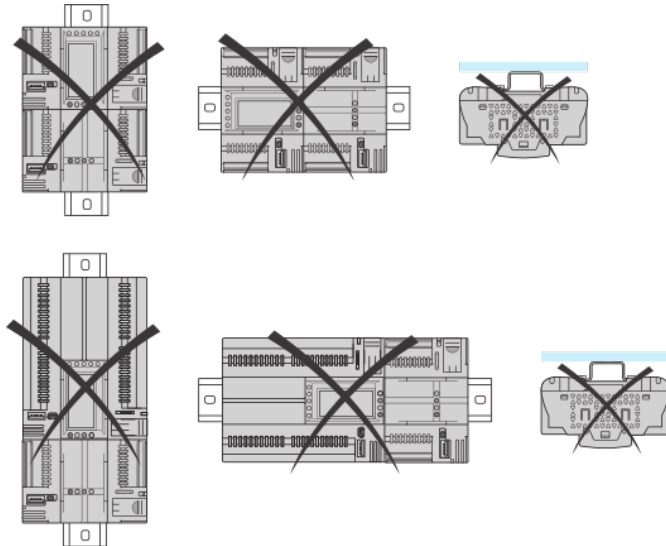


Mounting Positions

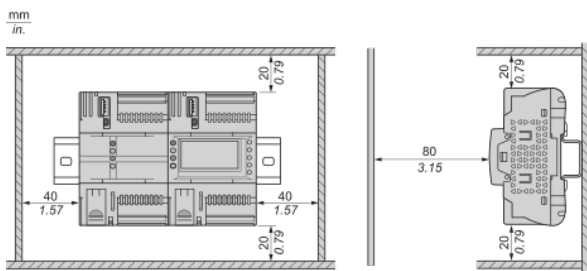
Correct Mounting Position





Incorrect Mounting Position



Clearance



Power Supply

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