



### 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
Oversupply 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

## 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

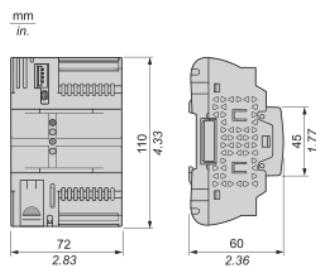
Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental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

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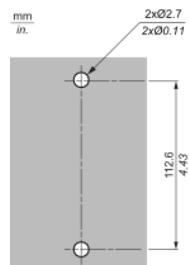
Dimensions Drawings

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Dimension

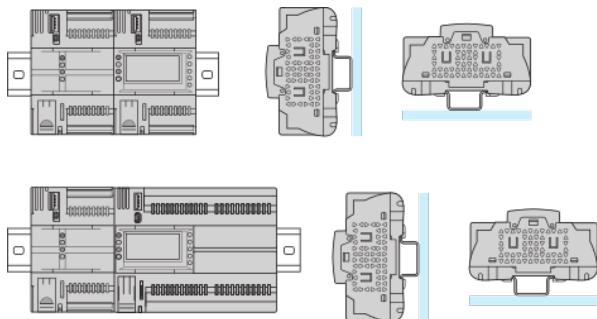


Mounting Holes Layout

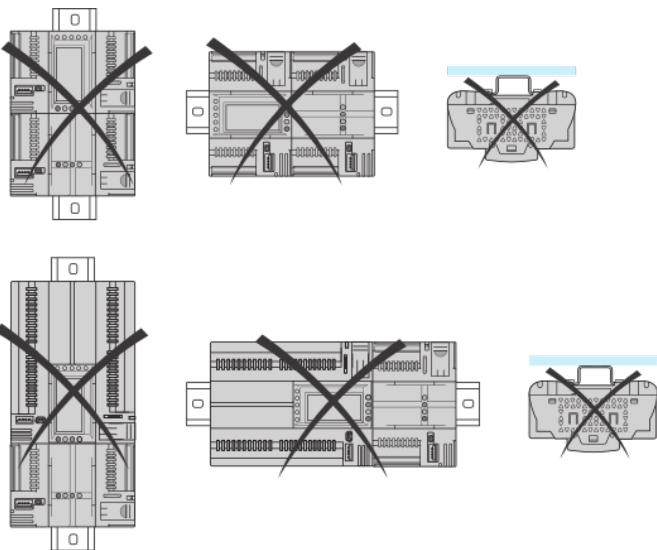


## Mounting Positions

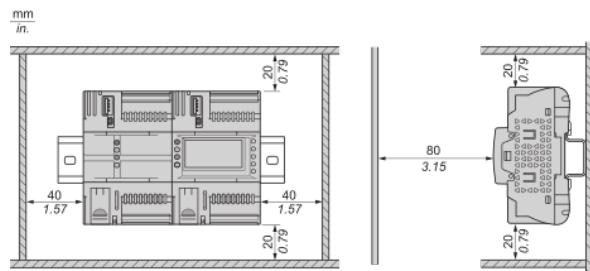
### Correct Mounting Position



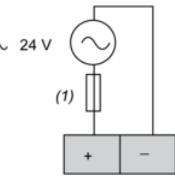
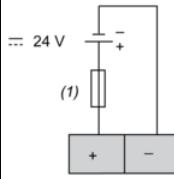
### Incorrect Mounting Position



## Clearance



### Power Supply

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