Product data sheet
Characteristics

TM171ARS232
Modicon M171 Performance Plug-in RS232 with relay

Main

Range of Product	Modicon M171
Product or Component Type	Communication module
Communication port protocol	RS232 Modbus RTU and ASCII

Complementary

Integrated connection type	RS232 wire crimp - twisted pair
Adjustment	Pitch 5 mm
Electrical connection	3 removable screw terminal block
Physical interface	90° insertion - 0.00 in² (2.5 mm²) cable DB9 connector
Supply	Via base board TM171P/TM172
Product Compatibility	Logic controller M171 performance Logic controller M172 performance
Net Weight	0.17 lb(US) (0.077 kg)

Environment

Product Certifications	CSA[RETURN]EAC[RETURN]CE[RETURN]cURus
Marking	CE
IP Degree of Protection	IP20
Ambient Air Temperature for Operation	14…131 °F (-10…55 °C)
Ambient Air Temperature for Storage	-4…185 °F (-20…85 °C)
Relative Humidity	10…90 % without condensation

Ordering and shipping details

Category	22537-M171 / M172 HVAC CONTROLLERS
Discount Schedule	PC12
GTIN	3606480752551
Returnability	No
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.12 in (13.0 cm)
Package 1 Width	3.58 in (9.1 cm)
Package 1 Length	7.28 in (18.5 cm)
Package 1 Weight	6.38 oz (181.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	6

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.
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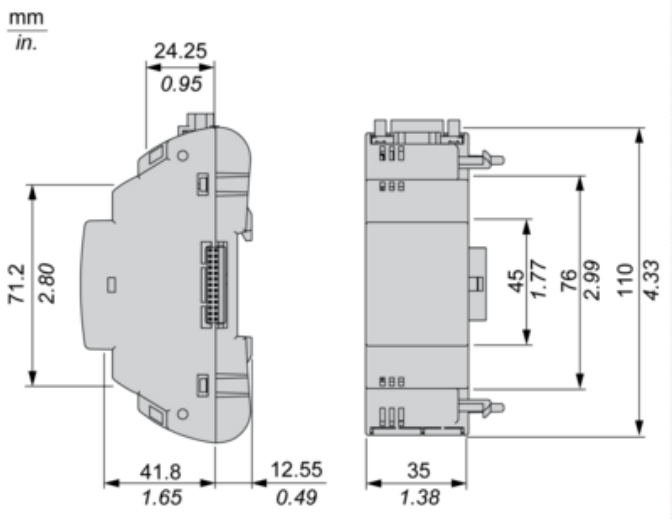
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	3.11 lb(US) (1.41 kg)

Offer Sustainability

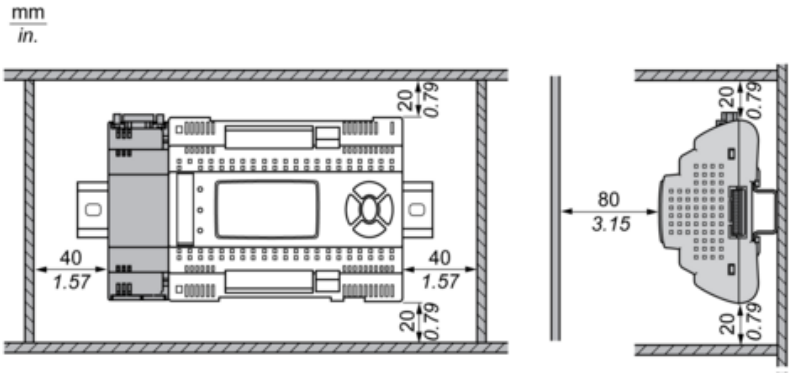
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Upgradeability	Upgradeable through digital modules and upgraded components

Dimensions

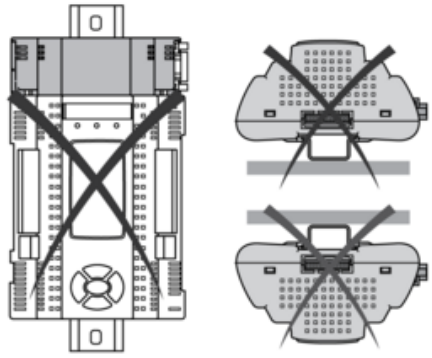

mm
in.
24.25
0.95
71.2
2.80
41.8
1.65
12.55
0.49
35
1.38
45
1.77
76
2.99
110
4.33

Mounting and Clearance

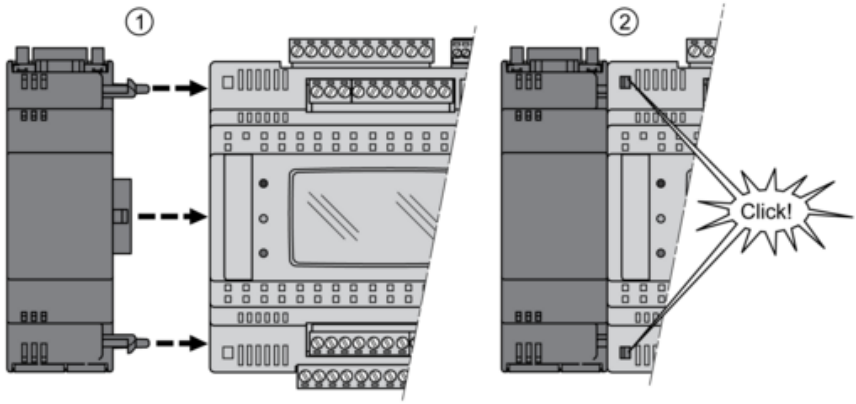
Clearance



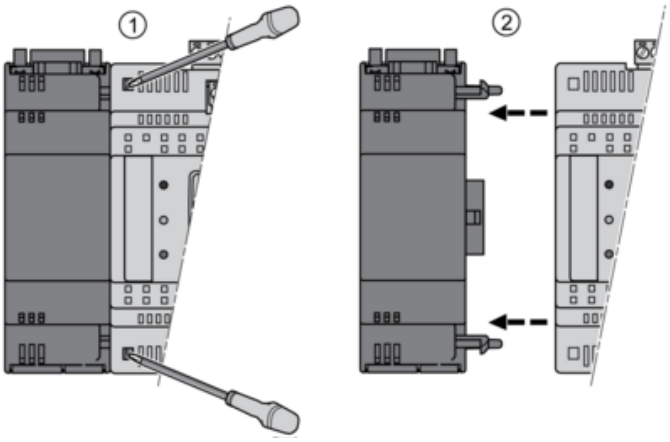
Misplacement



Mounting on Controller



Dismounting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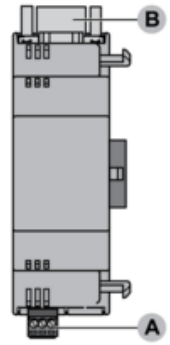
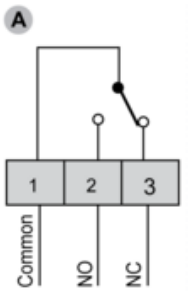
②

Connections and Schema

RS 232 Communication Module

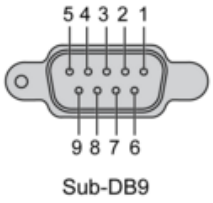
TM171ARS232





NC: Normally Closed.

NO: Normally Open.

B RS 232

N°	RS232
1	GND
2	DTR
3	TXD
4	RXD
5	DCD
6	RI
7	CTS
8	RTS
9	DSR