

Product data sheet

Specifications



EEV Driver, Actuator

TM171VEVA2

! Discontinued on: Jul 12, 2021

Product availability: Non-Stock - Not normally stocked in distribution facility

! Discontinued

Main

Range of Product	Modicon M171
Product or Component Type	Controller

Complementary

Input/output number	2 total) 1 analog input 1 digital output
Sensor power supply	5 V DC
Discrete output number	1 open collector
Analogue input number	1 analog input NTC 4...20 mA or 0...5 V or 0...10 V
[Us] rated supply voltage	24 V +/- 10 % AC/DC
Display Type	Without Display
Mounting Support	DIN rail
Width	2.8 in (70.2 mm)
Height	3.4 in (87 mm)
Depth	2.4 in (61.6 mm)

Environment

Marking	CE
Ambient air temperature for operation	23...122 °F (-5...50 °C)
IP degree of protection	IP20

Ordering and shipping details

Category	US1PC1222537
Discount Schedule	PC12
GTIN	3606480752889
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.6 in (9.1 cm)

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

Package 1 Width	5.1 in (13 cm)
Package 1 Length	7.3 in (18.5 cm)
Package weight(Lbs)	9.9 oz (280 g)

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	1 047 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	10 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]	1 036 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
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



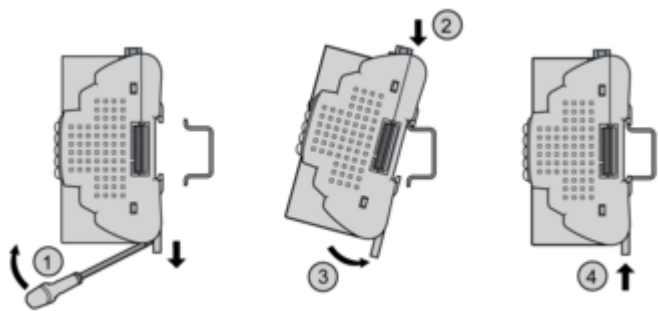
Repack and remanufacture

Recyclability potential, in %	0
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

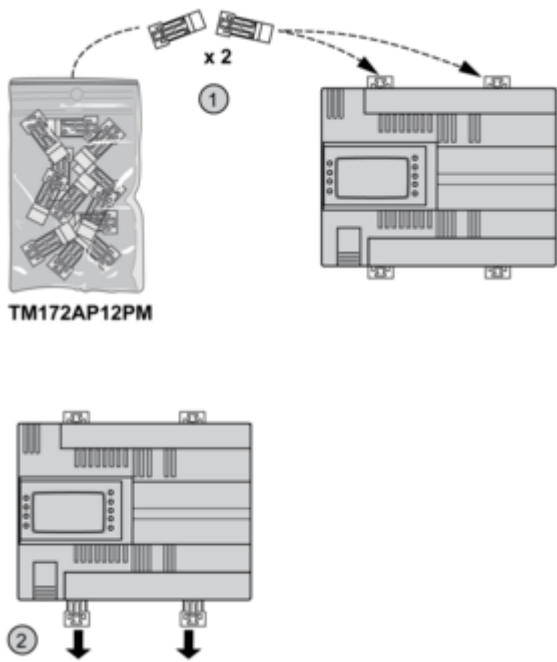
Mounting and Clearance

Mounting and Clearance

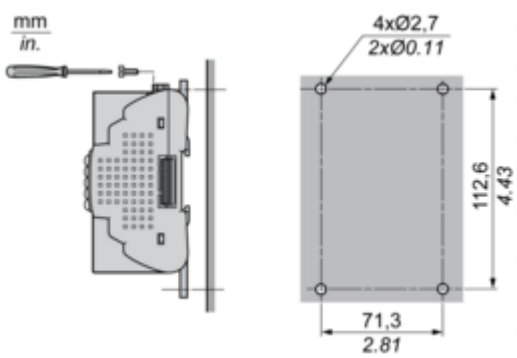
DIN Rail Mounting



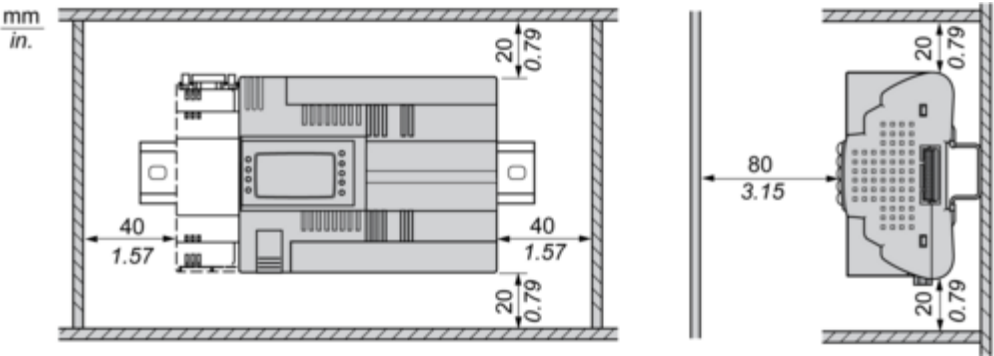
Clips for Panel Mounting



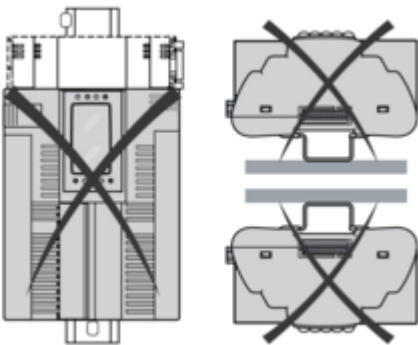
Panel Mounting



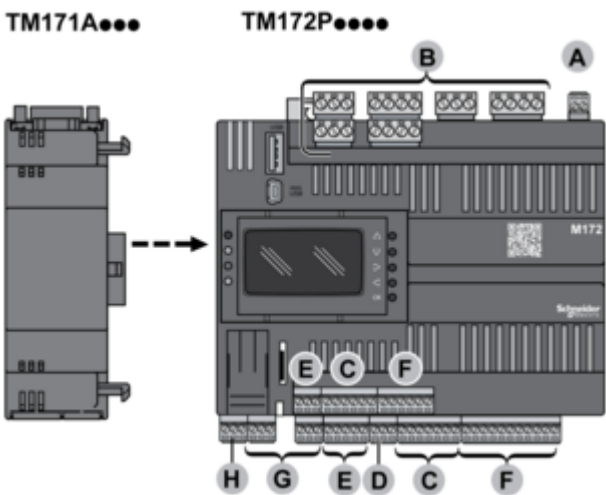
Clearance



Incorrect Mounting Position



Assembling a Module

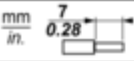


Wiring Sections and Torque

A, C, D, E, F, G, H

mm ²	0.14...1.5	0.14...1.5	0.25...1.5	0.25...0.5	2 x 0.08...0.5	2 x 0.08...0.75	2 x 0.25...0.34	2 x 0.5
AWG	26...16	26...16	22...16	22...20	2 x 28...20	2 x 28...20	2 x 24...22	2 x 20

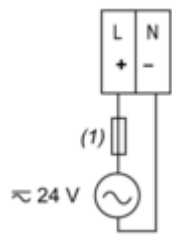
		N·m	0.22...0.25
Ø 2,5 mm (0.1 in.)		lb-in	1.95...2.21

								
mm ²	0.2...2.5	0.2...2.5	0.25...2.5	0.25...2.5	2 x 0.2...1	2 x 0.2...1.5	2 x 0.25...1	2 x 0.5...1.5
AWG	24...14	24...14	22...14	22...14	2 x 24...18	2 x 24...16	2 x 22...18	2 x 20...16

 Ø 3,5 mm (0.14 in.)		N•m	0.5...0.6
		lb-in	4.42...5.31

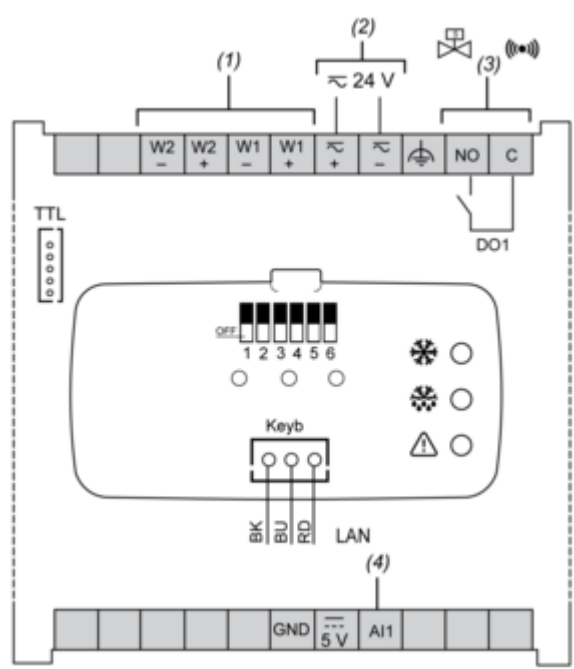
Connections and Schema

Power Supply



(1) Type T fuse 3,15 A

Wiring Diagram



(1)	Electronic Expansion Valve output
(2)	Power supply 24 V ac/dc
(3)	DO1: Relay output 5 A 250 Vac (Solenoid valve/Alarm) C: Common - NO: Normally Open
(4)	Analog inputs GND - Ground