



Main

Range of product	Modicon M171/M172
Product or component type	Additional I/O module
Product specific application	HVAC and pumping solution
Total inputs/outputs	14
Discrete input number	4
Discrete output number	1 for relay outputs SPDT with independent common 3 for relay outputs SPST with same common
Discrete output current	3 A for relay
Analogue input number	4 configurable by pair
Analogue output number	2 voltage, range: 0...10 V

Complementary

Number of port	1 CAN port - screw terminal block
Input/output number	2 analog output(s) 4 digital output(s) 4 analog input(s) 4 digital input(s)
Discrete input logic	Sink or source (positive/negative)
Discrete input voltage	24 V AC/DC
Discrete input current	2.5 mA
Input impedance	20 kOhm
Analogue input type	Voltage 0...5 V (ratiometric) Current 4...20 mA Voltage 0...10 V NTC temperature probe - 50...110 °C - resolution: 0.1 °C NTC temperature probe - 40...137 °C - resolution: 0.1 °C (extended) PTC temperature probe - 50...150 °C - resolution: 0.1 °C
Sensor power supply	12 V DC at 85 mA
[Us] rated supply voltage	24 V

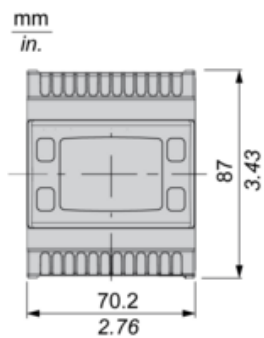
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.000 cm
Package 1 Width	9.100 cm
Package 1 Length	19.000 cm
Package 1 Weight	231.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.700 kg

Offer Sustainability

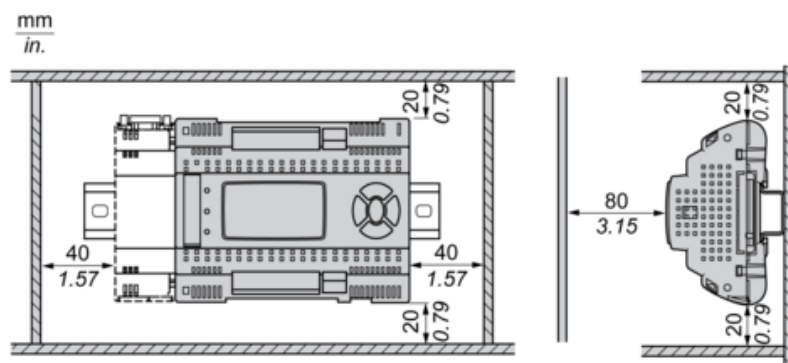
Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental 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
Upgradeability	Upgradeable through digital modules and upgraded components

Dimensions

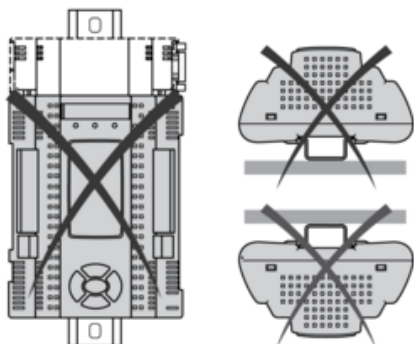


Mounting and Clearance

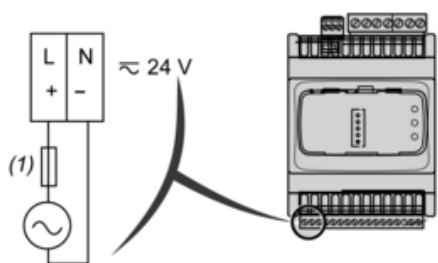
Clearance



Misplacement

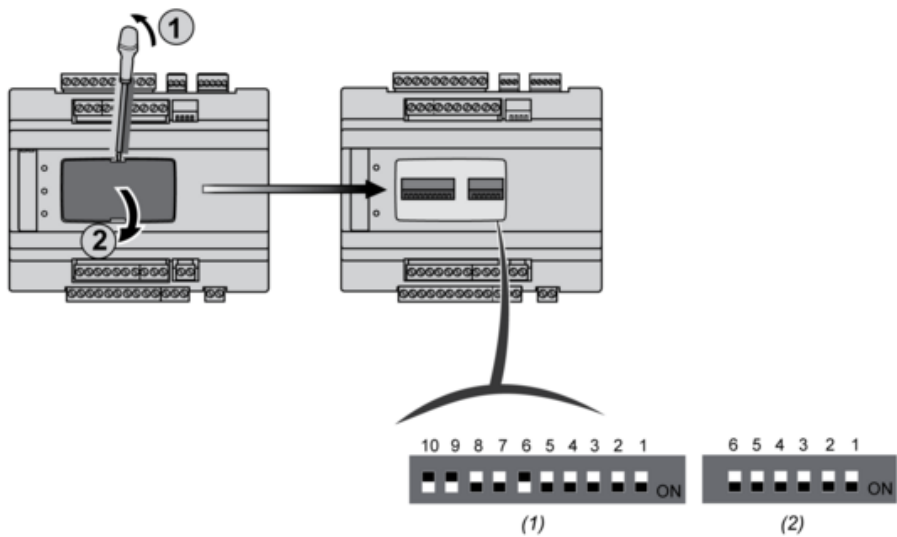


Power Supply



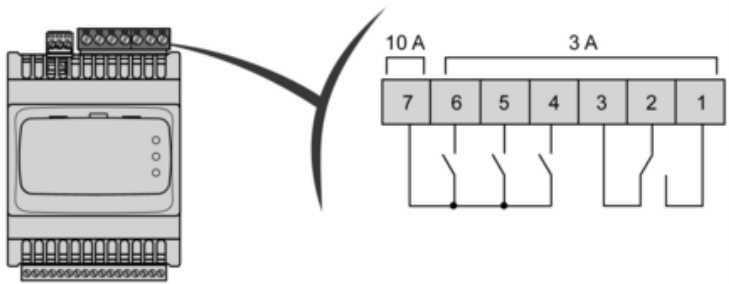
(1) Type T fuse 1.25 A

6 - 10 DipSwitches



(1) 10 DIP SWITCH
(2) 6 DIP SWITCH

Digital Outputs

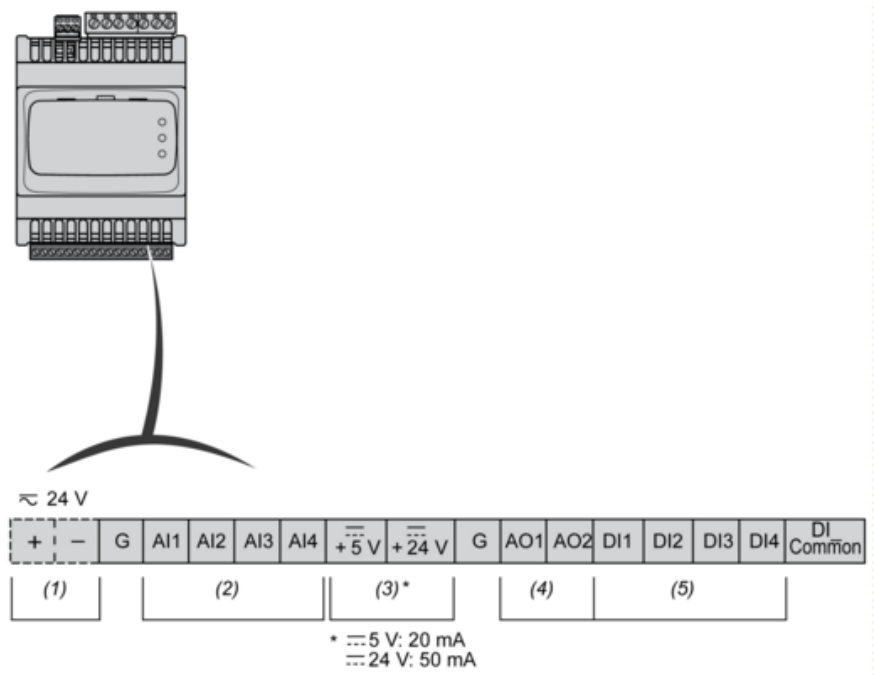


N°	Pin -out
1	DO1-N.O.
2	COMMON DO1
3	DO1-N.C.
4	DO2-N.O.

N°	Pin -out
5	DO3-N.O.
6	DO4-N.O.
7	Common DO2, DO3,DO4

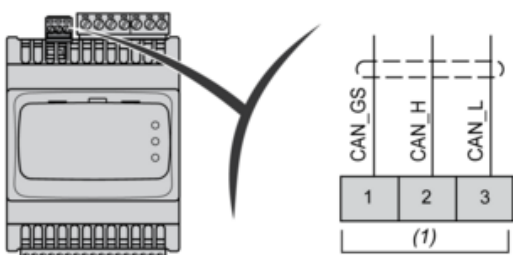
N.C.: Normally Closed
N.O.: Normally Open

Low Voltage I/O



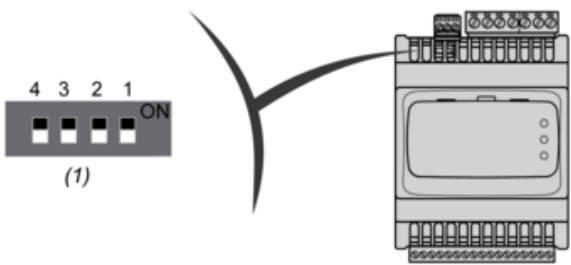
- (1) Power Supply
- (2) Analog Input
- (3) Power Out
- (4) Analog Output
- (5) Digital Input

Expansion Bus (CAN)



- (1) CAN

4 DipSwitches



(1) LOW Address