



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

Price\*: 335.00 USD



### Main

|                              |                          |
|------------------------------|--------------------------|
| Range of product             | Modicon M171/M172        |
| Product or Component Type    | Programmable controllers |
| Product Specific Application | HVAC control             |
| Variant                      | Programmable             |
| Number of inputs/outputs     | 28                       |
| Discrete input number        | 8                        |

### Complementary

|                      |  |
|----------------------|--|
| Input impedance      | 20 kOhm  |
| Overvoltage category | II   |
| Local signalling     | For programmable 1 LED (red)<br>For programmable 1 LED (yellow)<br>For programmable 1 LED (green)<br>for power 1 LED (green) |
| Mounting Support     | DIN rail<br>Panel mounting with accessory  |
| Width                | 5.67 In (144 mm)   |
| Height               | 4.33 In (110 mm)   |
| Depth                | 2.38 In (60.5 mm)  |
| Product Weight       | 0.66 Lb(US) (0.3 kg)   |

## Environment

|                                     |   |
|-------------------------------------|---|
| Directives                          | 2014/30/EU - electromagnetic compatibility<br>2014/35/EU - low voltage directive  |
| Standards                           | CAN/CSA-E60730-1<br>CSA E60730-2-9<br>EN 60068-2-27<br>EN 60068-2-6 Fc<br>EN 60730-1<br>EN 60730-2-9<br>UL 60730-1<br>UL 60730-2-9<br>IEC 61000-4-2<br>IEC 61000-4-3<br>IEC 61000-4-4<br>IEC 61000-4-5<br>IEC 61000-4-6<br>IEC 61000-4-11 |
| Product Certifications              | EAC<br>CE<br>CURus<br>CSA<br>RCM  |
| Ambient Air Temperature for Storage | -22...158 °F (-30...70 °C)  |
| IP degree of protection             | IP20  |
| Pollution degree                    | 2   |

## Ordering and shipping details

|                       |                                      |
|-----------------------|--------------------------------------|
| Category              | 22537 - M171 / M172 HVAC CONTROLLERS |
| Discount Schedule     | PC12                                 |
| GTIN                  | 3606489729486                        |
| Nbr. of units in pkg. | 1                                    |
| Package weight(Lbs)   | 14.11 Oz (400 g)                     |
| Returnability         | Yes                                  |

## Packing Units

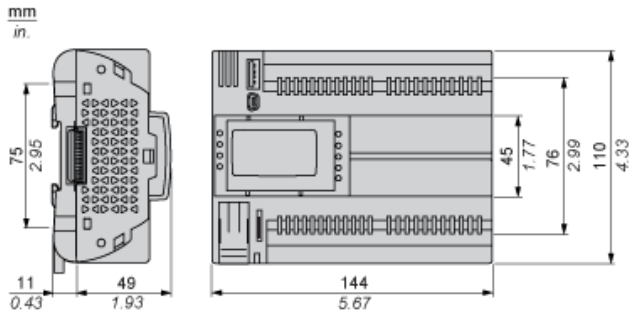
|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 3.54 In (9 cm)         |
| Package 1 width              | 5.31 In (13.5 cm)      |
| Package 1 Length             | 7.48 In (19 cm)        |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 6                      |
| Package 2 Weight             | 5.76 Lb(US) (2.611 kg) |
| Package 2 Height             | 5.91 In (15 cm)        |
| Package 2 width              | 11.81 In (30 cm)       |
| Package 2 Length             | 15.75 In (40 cm)       |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |

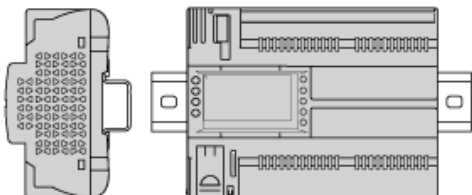
|                          |  |
|--------------------------|--|
| China RoHS Regulation    | <a href="#">China RoHS Declaration</a>   |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>  |
| Circularity Profile      | <a href="#">End Of Life Information</a>  |
| WEEE                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Dimensions



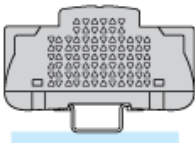
Mounting Positions

Correct Mounting Position

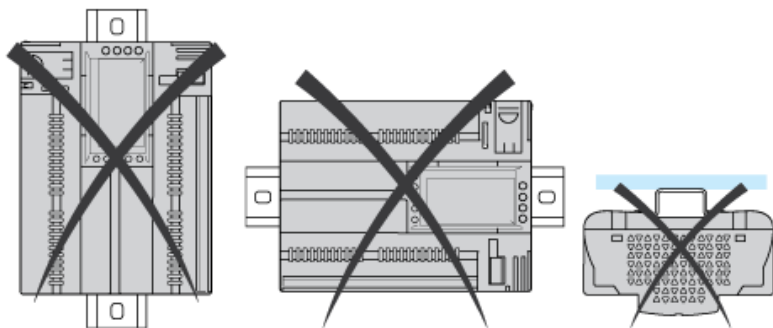


Acceptable Mounting Position

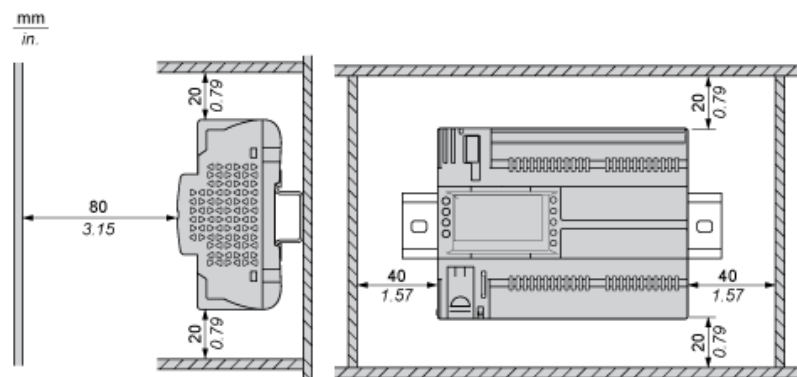
Controller can be mounted horizontally upward with a temperature derating (maximum ambient temperature: 60 °C (140 °F)).



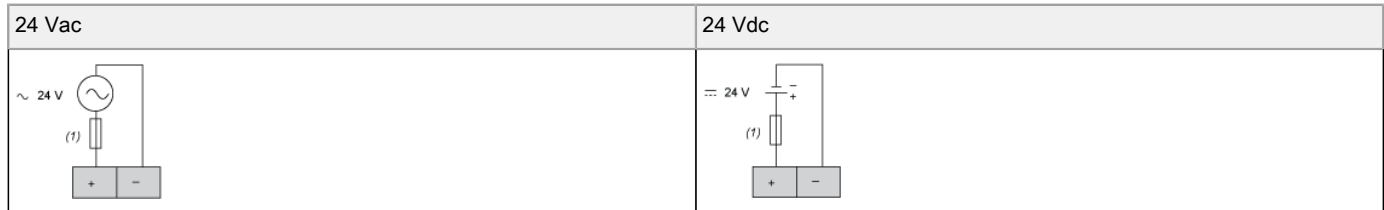
Incorrect Mounting Position



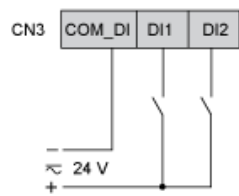
Clearance



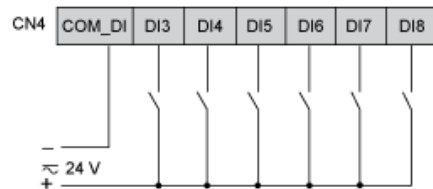
Power Supply



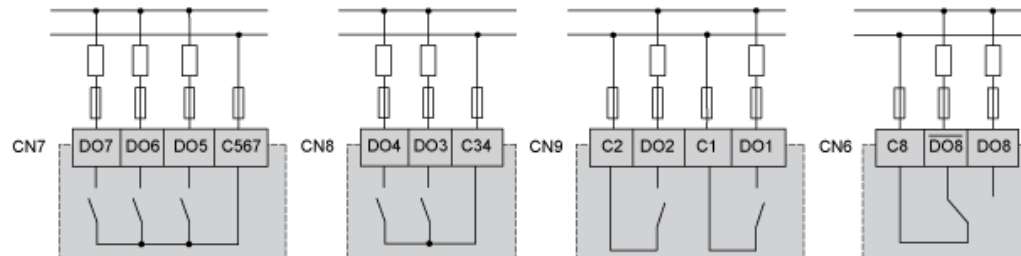
CN3 Fast Digital Inputs



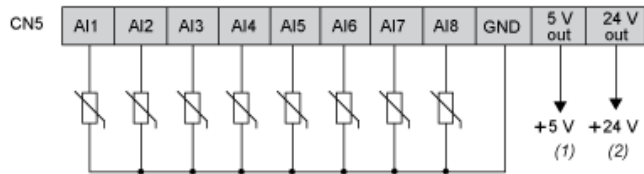
CN4 Digital Inputs



CN7, CN8, CN9, CN6 High Voltage Relay SPST Digital Output



CN5 Analog Inputs



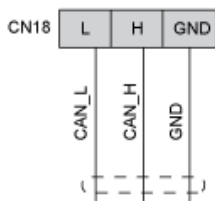
- (1) Max. current : 50 mA.
- (2) Max. current : 150 mA.

### CN2 Analog Outputs

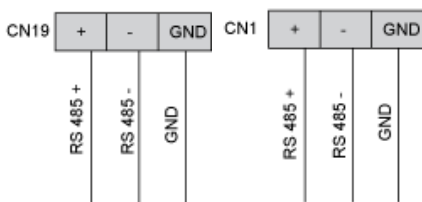


AO3, AO4 can be used also as PWM generator, up to 2kHz.

### CN18 CAN Expansion Bus Port



### CN19, CN1 CAN Expansion Bus Port



Product Life Status : **Commercialised**