

# TM171OD14R

Modicon M171 Optimized Display 14 I/Os, 100-240Vac



## Main

Range of product	Modicon M171/M172
Product or component type	Controller
Product specific application	HVAC and pumping solution
Variant	Programmable
Number of inputs/outputs	14
Discrete input number	2
Discrete output number	3 for relay outputs SPST with same common 1 for relay outputs SPDT with same common
Discrete output current	2 A for relay
Analogue input number	3 analog input NTC 2 configurable
Analogue output number	2 voltage, range: 0...10 V 2 PWM/PPM, range: 20 kHz, 12 V, 35 mA 1 current, range: 0...20 mA/4...20 mA

## Complementary

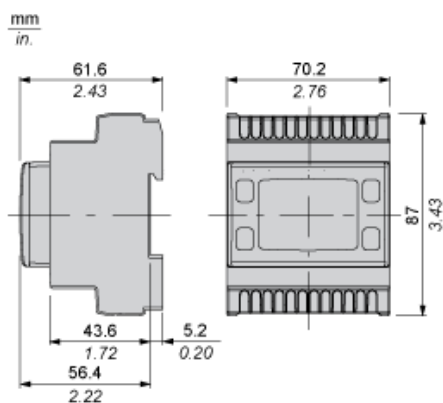
Number of port	1 LAN expansion bus
Input/output number	5 analog output(s) 4 digital output(s) 5 analog input(s)
Discrete input logic	Sink or source (positive/negative)
Contacts usage	Volt-free contacts
Analogue input type	Voltage 0...10 V Current 0...20 mA/4...20 mA Voltage 0...1 V Voltage 0...5 V (ratiometric) NTC temperature probe - 50...100 °C - res.: 0.1 °C Pt 1000 temperature probe - 50...400 °C - res.: 0.1 °C
Sensor power supply	12 V DC at 85 mA
[Us] rated supply voltage	100...240 V

## Environment

## Offer Sustainability

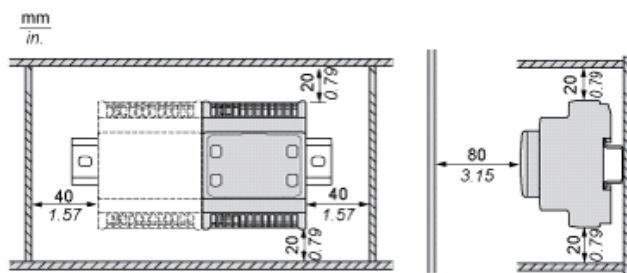
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1429 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

## Dimensions

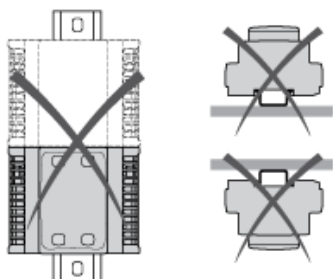


## Mounting and Clearance

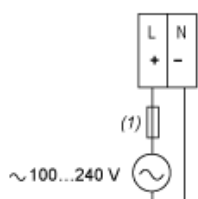
### Clearance



### Misplacement

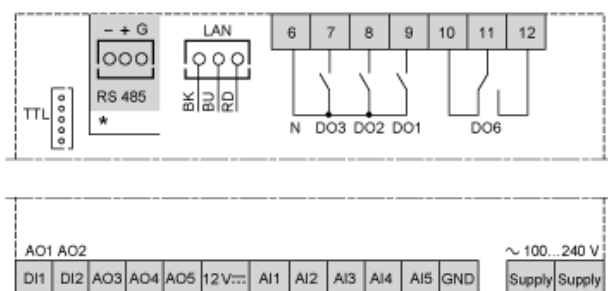


## Power Supply



(1) Type T fuse 160 mA

## Wiring Diagram



N : Neutral

**GND** :Ground

**BK** : Black

**BU** : Blue

**RD** : Red

**AI** : Analogue input

**AO** : Analogue output

**DI** : Digital input

**DO** : Digital output