

TM171OBM14R

Modicon M171 Optimized Blind 14 I/Os Modbus 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	1 for relay outputs SPDT with independent common 3 for relay outputs SPST 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

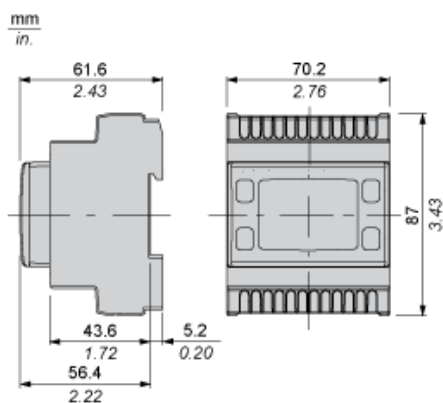
Number of port	1 LAN expansion bus 1 RS485 - screw terminal block (Modbus serial link)
Input/output number	5 analog output(s) 4 digital output(s) 5 analog input(s)
Discrete input logic	Sink or source (positive/negative)
Contacts usage	Volt-free contacts
Analogue input type	Voltage 0...5 V Current 0...20 mA/4...20 mA Voltage 0...1 V Voltage 0...10 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

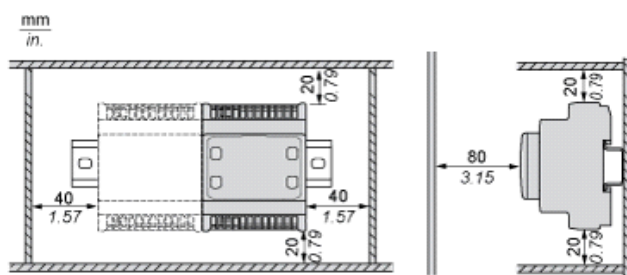
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1429 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Dimensions

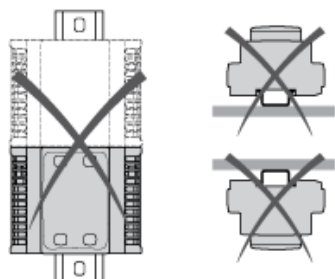


Mounting and Clearance

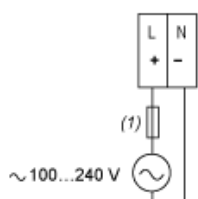
Clearance



Misplacement

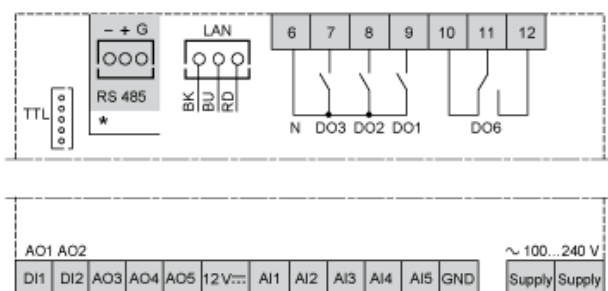


Power Supply



(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