

# TM171OFM22R

Modicon M171 Optimized Flush mounting 22 I/Os, Modbus



## 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	22
Discrete input number	6
Discrete output number	1 for open collector 3 for relay outputs SPST with same common 2 for relay outputs SPST with independent common
Discrete output current	2 A for relay
Analogue input number	3 analog input NTC 2 configurable
Analogue output number	3 voltage, range: 0...10 V 2 PWM/PPM, range: 20 kHz, 12 V, 35 mA

## Complementary

Number of port	1 LAN expansion bus 1 RS485 - screw terminal block (Modbus serial link)
Input/output number	5 analog output(s) 6 digital input(s) 5 analog input(s) 6 digital output(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
Sensor power supply	12 V DC at 85 mA 5 V DC at 20 mA
[Us] rated supply voltage	24 V 12...24 V

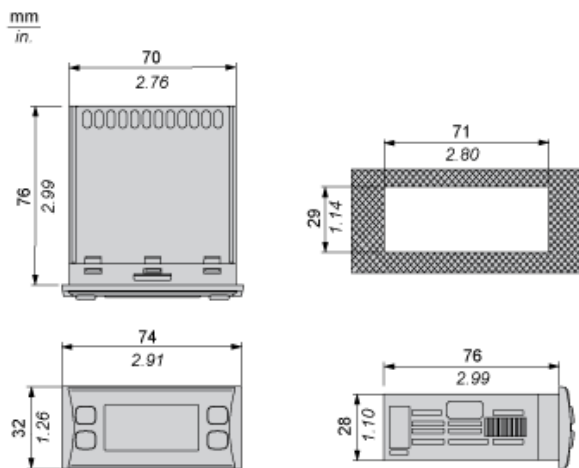
## Environment

## Offer Sustainability

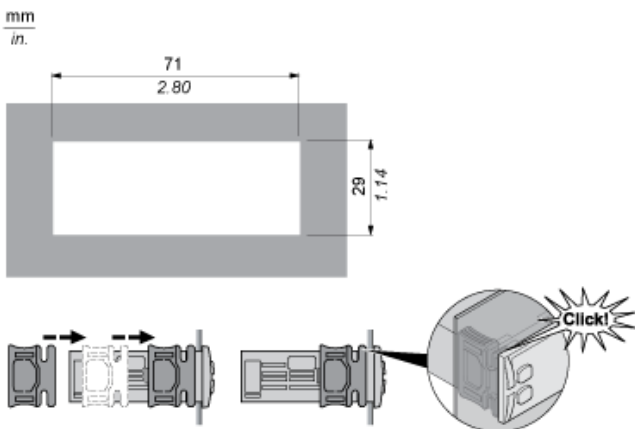
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1427 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

## Dimensions

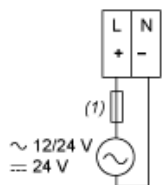
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## Mounting on Panel with the Special Brackets Provided

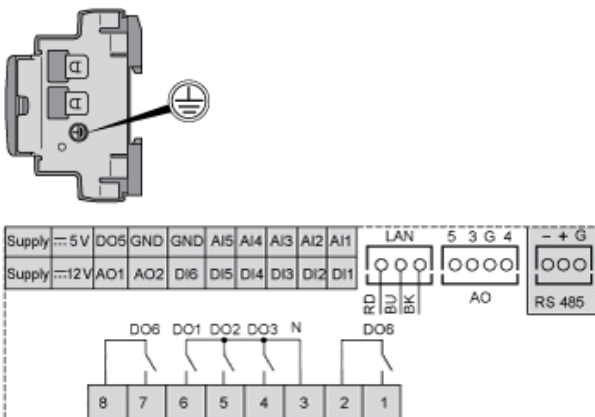


## Power Supply



(1) Type T fuse (Controller: 1.25 A , Expansion: 1 A)

## Wiring Diagram



N : Neutral

GND :Ground

BK : Black

**BU** : Blue

**RD** : Red

**AI** : Analogue input

**AO** : Analogue output

**DI** : Digital input

**DO** : Digital output