

Controller, Modicon M171/172/173, optimized display 14 IO, 100-240V AC

TM1710D14R

Main

Range of product	Modicon M171/M172	
Product or component type	Controller	
Product specific application	HVAC and pumping solution	
Variant	Programmable	
Total 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	2 configurable 3 analog input NTC	
Analogue output number	2 voltage, range: 010 V 2 PWM/PPM, range: 20 kHz, 12 V, 35 mA 1 current, range: 020 mA/420 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 05 V (ratiometric) voltage 010 V NTC temperature probe - 50100 °C - resolution: 0.1 °C Pt 1000 temperature probe - 50400 °C - resolution: 0.1 °C current 020 mA/420 mA voltage 01 V	
Sensor power supply	12 V DC at 85 mA	
[Us] rated supply voltage	100240 V	
Width	70.2 mm	
Height	87 mm	
Depth	61.6 mm	
Net weight	0.19 kg	

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1	1
Package 1 Height	13.000 cm
Package 1 Width	9.000 cm
Package 1 Length	18.500 cm
Package 1 Weight	288.000 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	2.020 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	182
Environmental Disclosure	Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

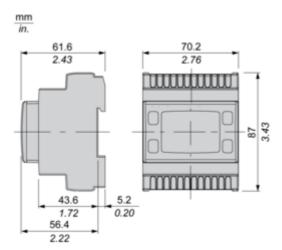
○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Product datasheet

TM1710D14R

Dimensions Drawings

Dimensions

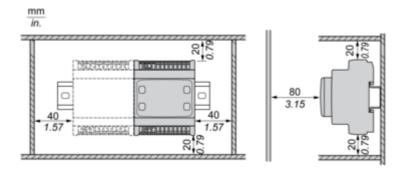


TM1710D14R

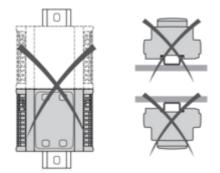
Mounting and Clearance

Mounting and Clearance

Clearance



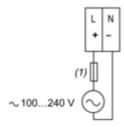
Misplacement



TM1710D14R

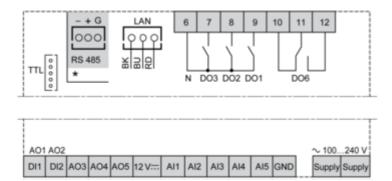
Connections and Schema

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