TM1710FM22R

Modicon M171 Optimized Flush mounting 22 I/ Os, Modbus



Main Range of Product Modicon M171/M172 Product or Component Controller Type Product Specific HVAC and pumping solution Application Variant Programmable Total inputs/outputs 22 6 Discrete input number Discrete output number 1 open collector 3 relay outputs SPST with same common 2 relay outputs SPST with independent common

2 A relay

2 configurable 3 analog input NTC 3 voltage 0...10 V

2 PWM/PPM 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	
	6 digital input	
	5 analog input	
	6 digital output	
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 0.1 °C	
	Current 020 mA/420 mA	
	Voltage 01 V	
Sensor power supply	12 V DC 85 mA	
	5 V DC 20 mA	
[Us] rated supply voltage	1224 V	
	24 V	
Width	5.51 in (140 mm)	
Height	4.33 in (110 mm)	
Depth	2.43 in (61.6 mm)	
Net Weight	0.85 lb(US) (0.385 kg)	

Discrete output current

Analogue input number

Analogue output number

Ordering and shipping details

Category	22537-M171 / M172 HVAC CONTROLLERS
Discount Schedule	PC12
GTIN	3606480752810
Nbr. of units in pkg.	1
Package weight(Lbs)	8.47 oz (240.0 g)
Returnability	Yes
Country of origin	IT

Packing Units

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Unit Type of Package 1	PCE	
Package 1 Height	5.12 in (13 cm)	
Package 1 width	3.54 in (9 cm)	
Package 1 Length	4.92 in (12.5 cm)	
Unit Type of Package 2	S02	
Number of Units in Package 2	8	
Package 2 Weight	4.92 lb(US) (2.231 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)	

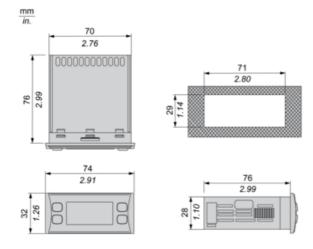
Offer Sustainability

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 www.P65Warnings.ca.gov	
☑ REACh Declaration	
Yes	
Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
Yes	
€Yes	
☑ China RoHS Declaration	
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.	

Product data sheet Dimensions Drawings

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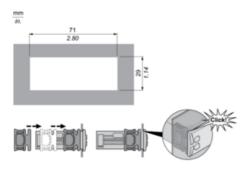
Dimensions



Product data sheet Mounting and Clearance

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Mounting on Panel with the Special Brackets Provided



Product data sheet Connections and Schema

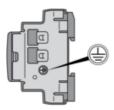
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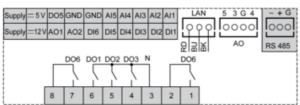
Power Supply



(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