Product data sheet
Characteristics

TM171PFE03HR
Modicon M171 Performance Flush 3 I/Os RH, Modbus SL/TCP & BACnet MSTP and IP

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	Modicon M171/M172
Product or component type	Programmable controllers
Product specific application	HVAC and pumping solution
Variant	Programmable
Total inputs/outputs	3
Analogue input number	1 analog input NTC (on board) 1 analog input NTC 1 relative humidity sensor (on board)

Complementary

Number of port	1 CAN port - screw terminal block 1 Ethernet - RJ45 (Modbus TCP and BACnet IP with webserver) 1 RS485 - screw terminal block (Modbus serial link or BACnet MS/TP) 1
Input/output number	3 analog input(s)
Analogue input type	Humidity probe 0...100 % RH - resolution: 0.01 % RH NTC temperature probe - 50...110 °C - resolution: 0.1 °C (extended) NTC temperature probe - 40...150 °C - resolution: 0.1 °C
[Us] rated supply voltage	24 V ±10% AC 48 V DC
Power consumption in W	24 VA at 24 V AC 15 W at 20...38 V DC
Realtime clock	Without clock at -20...65 °C
Display type	Without display
Overvoltage category	II
Local signalling	Without
Mounting support	DIN rail Panel mounting with accessory
Width	2.83 in (72 mm)
Height	4.33 in (110 mm)
Depth	2.38 in (60.5 mm)
Product weight	0.49 lb(US) (0.22 kg)

Environment

Standards	EN/IEC 60730
Product certifications	CE CSA CURus RCM EAC
Ambient air temperature for operation	-20...65 °C conforming to UL 60730-1
Ambient air temperature for storage	-4...185 °F (-20...85 °C)
Relative humidity	10...90 % non-condensing
IP degree of protection	IP20
Pollution degree	2

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Ordering and shipping details

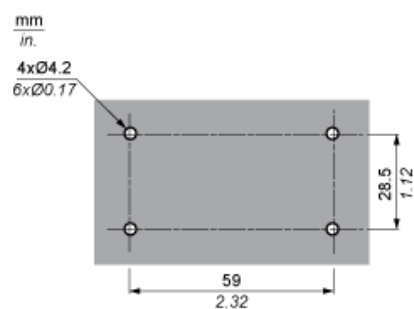|	
Category	22537 - M171 / M172 HVAC CONTROLLERS
Discount Schedule	PC12
GTIN	003606480752865
Nbr. of units in pkg.	1
Package weight(Lbs)	0.65000000000000002
Returnability	N
Country of origin	IT

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1426 - Schneider Electric declaration of conformity [↗]Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

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Panel Mounting

mm / in.

6xØ2.7
6xØ0.11

(1)

68 / 2.68
84 / 3.31

90 / 3.54
138 / 5.43
150 / 5.91

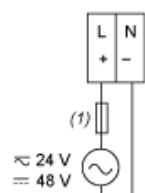(1)   Panel cut out

Wall Mounting

mm / in.

4xØ4.2
6xØ0.17

28.5 / 1.12

59 / 2.32
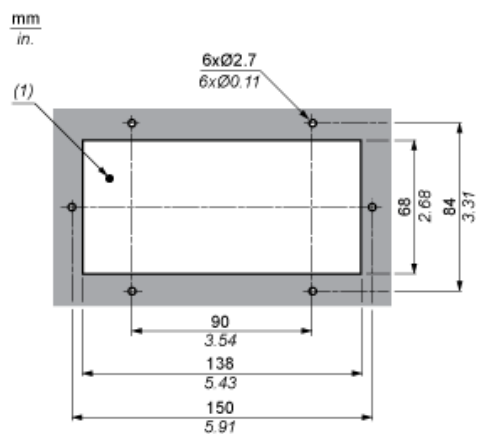
Power Supply
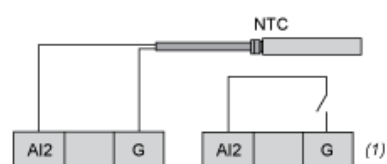

(1) Type T 630 mA fuse

Analog Inputs

(1) Digital input

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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