Product data sheet

Specification





IO module, Modicon M171, optimized, blind 14 IO, Modbus, 100-240V AC

TM1710BM14R

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

Price*: 237.18 USD

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	1 relay outputs SPDT with independent common 3 relay outputs SPST with same common
Discrete output current	2 A relay
Analogue input number	2 configurable 3 analog input NTC
Analogue output number	2 voltage 010 V 2 PWM/PPM 20 kHz, 12 V, 35 mA 1 current 020 mA/420 mA

Complementary

Number of port	1 LAN expansion bus
	1 RS485 - screw terminal block Modbus serial link)
Input/output number	5 analog output
	4 digital output
	5 analog input
Discrete input logic	Sink or source (positive/negative)
Contacts usage	Volt-free contacts
Analogue input type	NTC temperature probe - 50100 °C 0.1 °C
	Pt 1000 temperature probe - 50400 °C 0.1 °C
	current 020 mA/420 mA
	voltage 01 V
	voltage 010 V ratiometric)
	voltage 05 V
Sensor power supply	12 V DC 85 mA
[Us] rated supply voltage	100240 V
Width	2.8 in (70.2 mm)
Height	3.4 in (87 mm)
Depth	2.4 in (61.6 mm)
Net Weight	0.42 lb(US) (0.19 kg)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Ordering and shipping details

Category	US1PC1222537
Discount Schedule	PC12
GTIN	3606480752735
Returnability	No
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.197 in (13.200 cm)
Package 1 Width	3.543 in (9.000 cm)
Package 1 Length	7.283 in (18.500 cm)
Package 1 Weight	9.877 oz (280.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	4.277 lb(US) (1.940 kg)



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

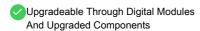
Guide to assess a product's sustainability >





Transparency RoHS/REACh

Resource performance



Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

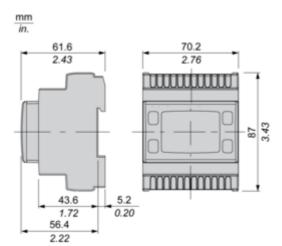
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
California Proposition 65	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

Product data sheet

TM1710BM14R

Dimensions Drawings

Dimensions

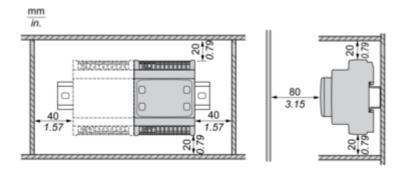


TM1710BM14R

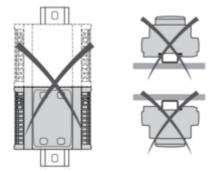
Mounting and Clearance

Mounting and Clearance

Clearance

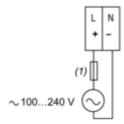


Misplacement



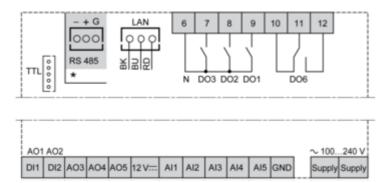
Connections and Schema

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