



Main

Range of product	Modicon M171/M172
Product or component type	Additional I/O module
Product specific application	HVAC and pumping solution
Number of inputs/outputs	15
Discrete input number	6
Discrete output number	1 for open collector 3 for relay outputs SPST with same common
Discrete output current	2 A for relay
Analogue input number	3 analog input NTC
Analogue output number	1 PWM/PPM, range: 20 kHz, 12 V, 35 mA 2

Complementary

Number of port	1 LAN expansion bus
Input/output number	3 analog input(s) 2 analog output(s) 6 digital input(s) 4 digital output(s)
Discrete input logic	Sink or source (positive/negative)
Contacts usage	Volt-free contacts
Analogue input type	Voltage 0...5 V (ratiometric) Voltage 0...10 V NTC temperature probe - 50...100 °C - resolution: 0.1 °C Current 0...20 mA/4...20 mA Voltage 0...1 V
Sensor power supply	12 V DC at 85 mA
[Us] rated supply voltage	12...24 V +/- 20 % AC/DC 24 V +/- 20 % DC
Power consumption in W	18 W at 24...48 V AC/DC
Realtime clock	Built-in clock at -10...55 °C
Display type	Without display
Overvoltage category	II
Local signalling	1 LED (red) for programmable 1 LED (yellow) for programmable 1 LED (green) for programmable

Width	140 Mm
Height	110 Mm
Depth	61.6 Mm
Product weight	0.385 Kg

Environment

Directives	2006/95/EC - low voltage directive 86/188/EEC - physical agents (noise) directive
Standards	EN/IEC 60730
Product certifications	cURus[RETURN]EAC[RETURN]CSA[RETURN]CE
Ambient air temperature for operation	-10...55 °C conforming to UL 60730-1
Ambient air temperature for storage	-20...85 °C
Relative humidity	10...90 % non-condensing
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	US1PC1222537
Discount Schedule	PC12
GTIN	3606480752681
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.0 Cm
Package 1 Width	9.1 Cm
Package 1 Length	18.5 Cm
Package 1 Weight	260.0 G
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	15.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	1.891 Kg

Offer Sustainability

Recyclability potential, in %	0
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is k
Total lifecycle Carbon footprint	135 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	10.41812723959728
Carbon footprint of the manufacturing phase [A1 to A3]	10 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1115051918043258
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.004696289541949586
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	124.34759928341589
Carbon footprint of the use phase [B2, B3, B4, B6]	124 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.5216254315182522

Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	135
Packaging made with recycled cardboard	Yes
REACH Regulation	Reference contains Substances of Very High Concern above the threshold ↗
EU RoHS Directive	Compliant By Exemption ↗
Updatability	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and n

Contractual warranty

Warranty (in months)	18
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Product Life Status :	End of commerc. announced
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TM171EO15R may be replaced by any of the following products:



TM172E28R
 Expansion module, Modicon M172/M172/M173, optimized and performance, 28 IO
 Qty 1
 Substitution date: |