

Product datasheet

Specifications



cartridge M200 - 2 Analog inputs / 1 Analog output

TMCR2AM3

EAN Code: 3606480696268

Main

Range of product	Easy Modicon M200
Product or component type	Analogue I/O cartridge
Product compatibility	Easy Modicon M200
Analogue input number	2

Complementary

Analogue input type	current 4...20 mA current 0...20 mA voltage 0...10 V voltage 0...5 V
Analogue input resolution	16 bits
Analogue output number	1
Analogue output type	Current: 4...20 mA Voltage: 0...10 V Current: 0...20 mA Voltage: 0...5 V
Analogue output resolution	16 bits
LSB value	2 µA 0...5 Vvoltage 4...20 mA current 2 µA 0...10 Vvoltage 0...20 mA current 1 mV 0...20 mAcurrent 0...5 V voltage 1 mV 4...20 mAcurrent 0...10 V voltage
load type	Resistive
Load impedance ohmic	<= 500 Ohm >= 2 kOhm
Conversion time	2 ms
Sampling duration	1 ms
Stabilisation time	40 ms
Absolute accuracy error	+/- 1 % of full scale at 55 °C
Cross talk	80 dB
Type of cable	Twisted shielded pairs cable
Electrical connection	7 x 1.5 mm² screw terminal block with pitch 3.5 mm adjustment for inputs and outputs
Maximum cable distance between devices	Twisted shielded pairs cable: <30 m for input/output
Insulation	Between output and internal logic
Local signalling	1 LED (green) for PWR
Height	41 mm
Depth	15 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Width	35 mm
Net weight	0.024 kg
Permissible continuous overload	40 mA, analogue input type: current 30 V, analogue input type: voltage
Input impedance	<= 250 Ohm current >= 1 MOhm voltage

Environment

Marking	CE
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5 cm
Package 1 Width	6.3 cm
Package 1 Length	8.9 cm
Package 1 Weight	46 g
Unit Type of Package 2	S02
Number of Units in Package 2	32
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1830 g
Unit Type of Package 3	P12
Number of Units in Package 3	1536
Package 3 Height	95 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	96840 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

Total lifecycle Carbon footprint	65 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	62 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again



Repack and remanufacture

Recyclability potential, in %	0
End of life manual availability	End of Life Information
Take-back	No