Product datasheet

Specifications



cartridge M200 - 2 Digital inputs and 2 Transistor sink outputs

TMCR2DM4U

EAN Code: 3606480696213

Main

Range of product	Easy Modicon M200
Product or component type	Digital input and transistor sink cartridge
Product compatibility	Easy Modicon M200

Complementary

Discrete input number	2, type 1 conforming to IEC 61131-2
Discrete input voltage	24 V
Discrete input voltage type	DC
Discrete input current	5 mA for input
Discrete input logic	Sink or source (positive/negative)
Configurable filtering time	4 ms for input
Discrete output type	Transistor
Discrete output number	2 transistor sink
Discrete output voltage	24 V DC
Discrete output current	0.5 A
Maximum current per output common	1 A at COM 0
Output frequency	0.1 kHz at Q0...Q1
Maximum leakage current	0.1 mA for transistor output
Maximum voltage drop	<1 V
Voltage state 0 guaranteed	<= 5 V for input
Current state 0 guaranteed	<= 1.5 mA (input)
Voltage state 1 guaranteed	>= 15 V for input
Current state 1 guaranteed	>= 2.5 mA (input)
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 unshielded pairs cable: <50 m for input Twisted unshielded pairs cable: <150 m for output
Insulation	Between input and internal logic Between output and internal logic
Local signalling	1 LED (green) for PWR
Height	41 mm
Depth	15 mm
Width	35 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

Net weight	0.023 kg
Input impedance	4.7 kOhm

Environment

Marking	CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	6.500 cm
Package 1 Length	9.000 cm
Package 1 Weight	43.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	32
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.615 kg
Unit Type of Package 3	P06
Number of Units in Package 3	512
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	33.840 kg

Contractual warranty

Warranty (in months)	18

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	**11 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]	**8 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	**No**
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

End of life manual availability	End of Life Information
Take-back	**No**