

Product data sheet

Specifications



Modicon Momentum - Modbus Plus communication adaptor

170NEF11021

⚠ Discontinued on: Mar 15, 2022

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

⚠ Discontinued

Main

Range Of Product	Modicon Momentum automation platform
Product Or Component Type	Modbus Plus communication adaptor
Bus Manager Plc	Compact 984 Quantum
Structure Type	Industrial
Communication Port Protocol	Modbus Plus
Method Of Access	Peer to peer Token bus
Transmission Rate	1 Mbit/s
Transmission Support Medium	Twisted pair

Complementary

Topology	Multidrop, device connecting by extension or tap off cable
Number Of Devices Per Segment	0...31 per segment 0...63 all segment
Maximum Cable Distance Between Devices	16404.20 ft (5000 m) with repeater
Data Format	984
Fail State	Full scale value Maintain value Fallback to zero Forcing to state zero
Supply	From I/O base
Marking	CE
Local Signalling	for module powered up or communicating (MB + ACT) 1 LED (green) for communication error network A (ERR A) 1 LED (red) for communication error network B (ERR B) 1 LED (red)
Electrical Connection	1 connector SUB-D 9 for connecting Modbus Plus network 1 connector SUB-D 9 for redundant Modbus Plus network

Environment

Product Certifications	CSA UL
Protective Treatment	TC
Resistance To Electrostatic Discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance To Electromagnetic Fields	9.14 V/m (10 V/m) 80...1000 MHz IEC 801-3

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

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

Ambient Air Temperature For Operation	32...140 °F (0...60 °C)
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Relative Humidity	95 % without condensation
Operating Altitude	<= 16404.2 ft (5000 m)

Ordering and shipping details

Category	US1PC3118206
Discount Schedule	PC31
Gtin	3595861147362
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.28 in (5.8 cm)
Package 1 Width	7.09 in (18.0 cm)
Package 1 Length	10.20 in (25.9 cm)
Package 1 Weight	6.81 oz (193.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	4.40 lb(US) (1.997 kg)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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.

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Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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