

Product data sheet

Specifications



Modicon Momentum - Modbus Plus option adaptor - redundant

172PNN21022C

 **Discontinued on:** Jul 31, 2024

 **Discontinued**

Main

Range of Product	Modicon Momentum automation platform
Product or Component Type	Modbus Plus option adaptor
Number of port	2
Communication Port Protocol	Modbus Plus
Communication port type	Redundant

Complementary

[Us] rated supply voltage	5 V DC
Input voltage tolerance	+/- 5 %
Supply	Via I/O base
Clock Drift	+/- 13 s/day accuracy
Battery type	Lithium < 30 day after the battery low indication 104 °F (40 °C)
Battery Size	2/3 AA
Battery Life	5 year(s)
Electrical connection	1 connector D-shell 9 pins for Modbus Plus connection
Material	Lexan
Marking	CE
Local signalling	1 LED for communication
Current consumption	700 mA 12 V DC
Height	1.0 in (25 mm)
Width	5.6 in (143.1 mm)
Depth	2.36 in (60.06 mm)
Module format	Standard
Net Weight	3.00 oz (85.05 g)

Environment

Dielectric strength	500 V DC
Standards	IEC 529
Product Certifications	UL NEMA 250 type 1 CSA
IP degree of protection	IP20 conforming to IEC 529

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

Protective treatment	Conformal coating Humiseal 1A33 TC
Shock resistance	+/- 15 gn 11 ms half sine wave acceleration
Vibration resistance	1 gn 57...150 Hz)
Amplitude of sinusoidal vibration	0.075 mm 10...57 Hz
Resistance to electrostatic discharge	8 kV on air IEC 801-2
Resistance to electromagnetic fields	9.1 V/m (10 V/m) 80...1000 MHz IEC 801-3
Ambient Air Temperature for Operation	32...140 °F (0...60 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative Humidity	5...95 % without condensation
Operating altitude	<= 6561.68 ft (2000 m)

Ordering and shipping details

Category	18206-MOMENTUM PROCESSORS,I/O BASES,CONN.
Discount Schedule	PC31
GTIN	3595863798838
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.8 in (7.0 cm)
Package 1 Width	4.3 in (11.0 cm)
Package 1 Length	8.3 in (21.0 cm)
Package weight(Lbs)	8.007 oz (227.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	5
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	3.64 lb(US) (1.65 kg)

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 >](#)

Use Longer

Lifetime extension	
Repair	No