

Product datasheet

Specifications



Modicon Quantum DIO head-end adaptor - twisted pair cable medium

140NOM21100C

⚠ To be discontinued on: 31 Dec 2029

⚠ To be end-of-service on: 31 Dec 2029

⚠ Discontinued - Service only

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	DIO head-end adaptor

Complementary

Product Compatibility	140CRA21110 140CRA21120
Number Of Port	1 Modbus Plus RS485 twisted pair single copper 1 Modbus RS232 twisted pair single copper
Transmission Rate	1 Mbit/s
I/O Words	30 I/32 O
Checks	RAM address RAM Processor Checksum
Power Dissipation In W	4 W
Bus Current Requirement	780 mA
Module Format	Standard

Environment

Resistance To Electrostatic Discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
Resistance To Electromagnetic Fields	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient Air Temperature For Operation	0...60 °C
Ambient Air Temperature For Storage	-40...85 °C
Relative Humidity	95 % without condensation
Operating Altitude	<= 5000 m
Protective Treatment	Conformal coating Humiseal 1A33
Standards	UL 508
Product Certifications	RMRS FM Class 1 Division 2 CSA GOST C-Tick

Packing Units

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

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.800 cm
Package 1 Width	16.500 cm
Package 1 Length	31.500 cm
Package 1 Weight	490.000 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	2
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.016 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.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

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

Circularity Profile

[End of Life Information](#)

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots