Product data sheet

Specifications

Green Premium™

Discontinued

DIO head-end adaptor Modicon Quantum - 1 Modbus+RS485 twisted pair single copper

140NOM21100

Discontinued on: Dec 31, 2022

To be end-of-service on: Dec 31, 2030

Main

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

Complementary

Product Compatibility	140CRA21120 140CRA21110
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	Processor Checksum RAM address RAM
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
Standards	UL 508
Product Certifications	CSA RMRS FM Class 1 Division 2 C-Tick GOST

Packing Units

Unit Type Of Package 1	PCE

List Price displayed is VAT EXCLUSIVE.

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

Number Of Units In Package 1	1
Package 1 Height	4.5 cm
Package 1 Width	16.5 cm
Package 1 Length	31.0 cm
Package 1 Weight	482.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	3.374 kg

Contractual warranty

Warranty	18 months

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-CO_2 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 >

RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Mercury Free	
Rohs Exemption Information	Yes

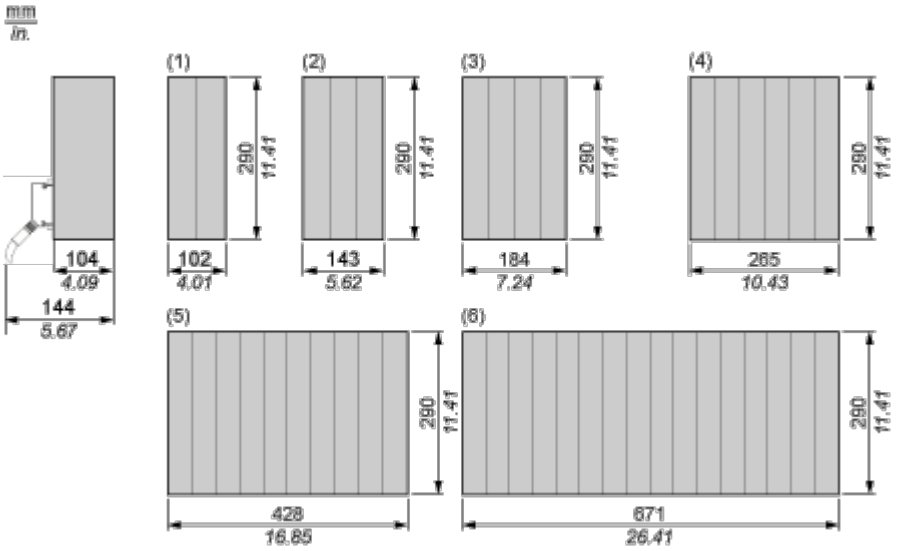
Certifications & Standards

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