# **Product datasheet**

Specification





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

140NOM21100

! Discontinued on: 31 Dec 2022

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

① Discontinued - Service only

### Main

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

### Complementary

•		
Product Compatibility	140CRA21120 140CRA21110	
Number Of Port	Modbus Plus RS485 twisted pair single copper     Modbus RS232 twisted pair single copper	
Transmission Rate	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 802000 MHz conforming to IEC 801-3	
Ambient Air Temperature For Operation	060 °C	
Ambient Air Temperature For Storage	-4085 °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

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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



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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

<b>②</b>	Reach Free Of Svhc	
<b>Ø</b>	Mercury Free	
<b>Ø</b>	Rohs Exemption Information	Yes

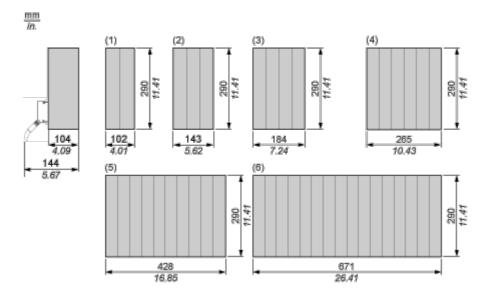
### **Certifications & Standards**

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