Product data sheet

Specifications

Green Premium™

Discontinued

Modicon Quantum DIO head-end adaptor - fibre optic cable medium

140NOM25200C

Discontinued on: Mar 15, 2022

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

Main

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

Complementary

Number Of Port	1 Modbus Plus fiber optic single copper 1 Modbus RS232 twisted pair
Transmission Rate	1 Mbit/s
Electrical Connection	1 connector RJ45 2 connectors TX/RX
I/O Words	30 I/32 O
Checks	RAM Checksum Processor RAM address
Power Dissipation In W	4 W
Minimum Pulse Width Distortion/ Jitter	5 ns
Wavelength	0.000032284 in (820 nm)
Power Loss Budget	11 dB 62.5/125 µm 16.5 dB 100/140 µm 6.5 dB 50/125 µm
Optical Transmission	-16…-9 dBm 100/140 µm -19.8…-12.8 dBm 50/125 µm -3.5…110.5 dBm 62.5/125 µm
Rise/Fall Time	20 ns
Dynamic Range	20 dB
Detected Silence	-36 dBm
Sensitivity Scale	> 30 dBm
Bus Current Requirement	750 mA

Environment

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…2000 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)

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

Relative Humidity	95 % without condensation
Operating Altitude	<= 16404.2 ft (5000 m)
Protective Treatment	Conformal coating Humiseal 1A33
Standards	UL 508
Product Certifications	RINA RMRS DNV GOST GL CSA Class 1 Division 2 C-tick

Ordering and shipping details

Category	US1PC2118150
Discount Schedule	PC21
Gtin	3595861136984
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.97 in (5.0 cm)
Package 1 Width	6.50 in (16.5 cm)
Package 1 Length	12.40 in (31.5 cm)
Package 1 Weight	18.02 oz (511.0 g)

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

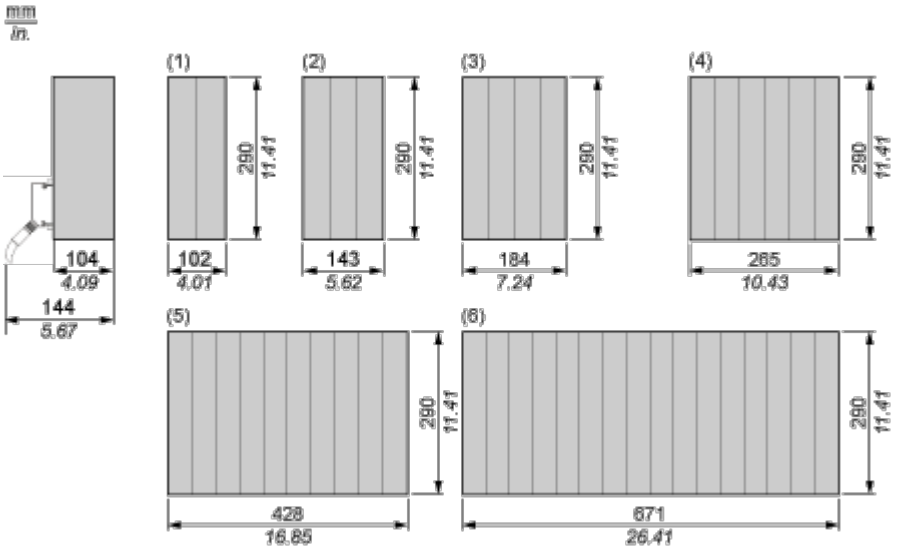
Certifications & Standards

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
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

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