Product data sheet

Specifications

Green Premium™

RIO head-end adaptor module Modicon Quantum - 1 connector with single cable

140CRP93100C

Discontinued on: Nov 1, 2022

End-of-service on: Nov 20, 2022

Discontinued - Service only

Main

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

Complementary

Product Compatibility	Quantum 200/500/800 series Symax (any mix)
Maximum Drops/Network	31
I/O Words/Drop	64 I/64 O
Type Of Cable	75 Ohm coaxial
Transmission Rate	1544 Mbit/s
Dynamic Range	35 dB
Isolation Voltage	500 V DC coaxial center and ground
Electrical Connection	1 female connector F, elbowed with single cable
Diagnostics Startup	LAN controller check Memory check Power up
Power Dissipation In W	3 W 1 channel
Marking	CE
Bus Current Requirement	600 mA 1 channel
Module Format	Standard

Environment

Protective Treatment	Conformal coating Humiseal 1A33
Product Certifications	FM Class 1 Division 2
Standards	CSA C22.2 No 142 CUL UL 508
Resistance To Electrostatic Discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance To Electromagnetic Fields	9.14 V/yd (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)

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	<= 5000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.77 in (4.5 cm)
Package 1 Width	6.69 in (17.0 cm)
Package 1 Length	12.20 in (31.0 cm)
Package 1 Weight	18.34 oz (520.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.02 lb(US) (3.64 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

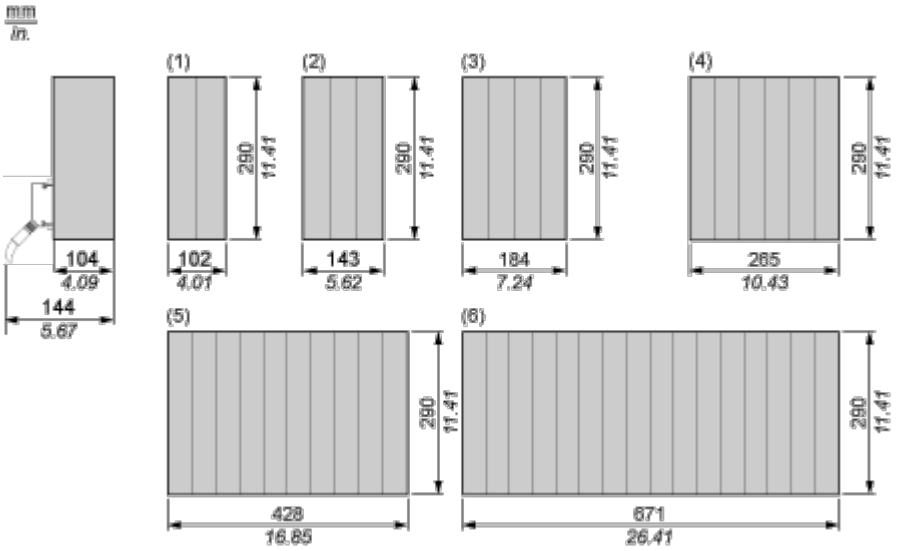
Certifications & Standards

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