Product datasheet

Specifications

Green Premium™

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

140CRP93100

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	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 cable
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	Power up Memory check LAN controller check
Power Dissipation In W	3 W 1 channel
Marking	CE
Bus Current Requirement	600 mA 1 channel
Module Format	Standard

Environment

Product Certifications	FM Class 1 Division 2
Standards	UL 508 CUL CSA C22.2 No 142
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…1000 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

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

Operating Altitude	<= 5000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.3 cm
Package 1 Width	16.3 cm
Package 1 Length	31.4 cm
Package 1 Weight	500.0 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	3.9 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

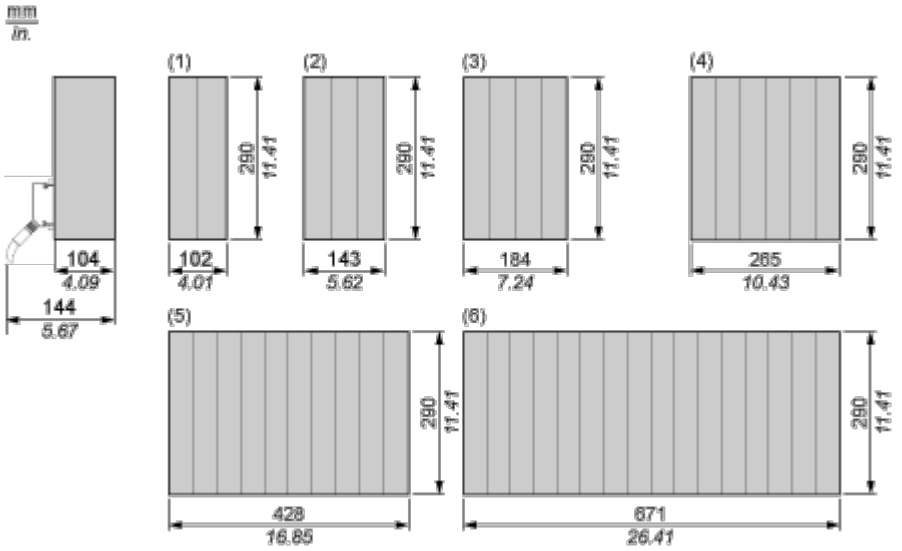
Certifications & Standards

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