Product datasheet

Specifications

Green Premium™

RIO drop adaptor module Modicon Quantum - 1 connector with single cable

140CRA93100

Discontinued on: 31 Dec 2022

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

Discontinued - Service only

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	RIO drop adaptor module

Complementary

Product Compatibility	Quantum
Maximum Number Of I/O Expansion Module	27
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	Executive checksum RAM address/data Power up and runtime
Power Dissipation In W	3 W 1 channel
Bus Current Requirement	600 mA 1 channel
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…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
Operating Altitude	<= 5000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.700 cm

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

Package 1 Width	16.500 cm
Package 1 Length	31.000 cm
Package 1 Weight	509.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.006 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

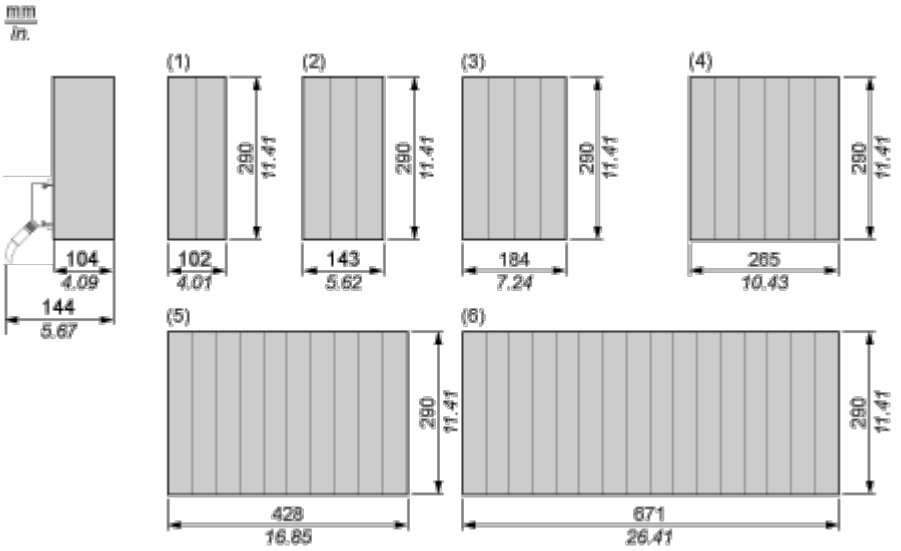
Certifications & Standards

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