Product datasheet

Specifications

Green Premium™

RIO drop adaptor module Modicon Quantum - 2 connectors with redundant cable

140CRA93200

⊘ Discontinued on: 14-Apr-2023

⊘ 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	2 female connectors F, elbowed with redundant cable
Diagnostics startup	Power up and runtime RAM address/data Executive checksum
Power dissipation in W	3.8 W 2 channels
Bus current requirement	750 mA 2 channels
Module format	Standard

Environment

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
Operating altitude	<= 5000 m

Packing Units

Unit Type of Package 1	PCE

Number of Units in Package 1	1
Package 1 Height	5.000 cm
Package 1 Width	16.500 cm
Package 1 Length	31.500 cm
Package 1 Weight	545.000 g

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} 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

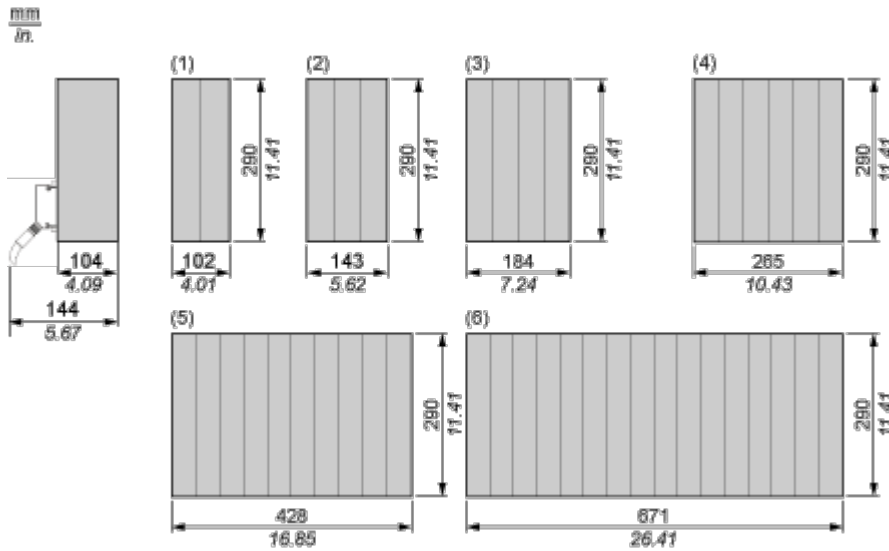**China Rohs Regulation**

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