

# Product data sheet

Specifications



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

140CRP93100

❗ **Discontinued on:** 15 March 2022

❗ **Discontinued**

140CRP93100 has not been replaced. Please contact your customer care center for more information.

### 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** 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 IEC 801-2  
8 kV on air IEC 801-2

**Resistance to electromagnetic fields** 9.14 V/m (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)
Relative Humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)

## Ordering and shipping details

Category	18155-QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	3595861133754
Number of Units in Package 1	1
Package 1 Weight	17.64 oz (500.0 g)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.69 in (4.3 cm)
Package 1 Width	6.42 in (16.3 cm)
Package 1 Length	12.36 in (31.4 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Weight	8.60 lb(US) (3.9 kg)
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)

## Offer Sustainability

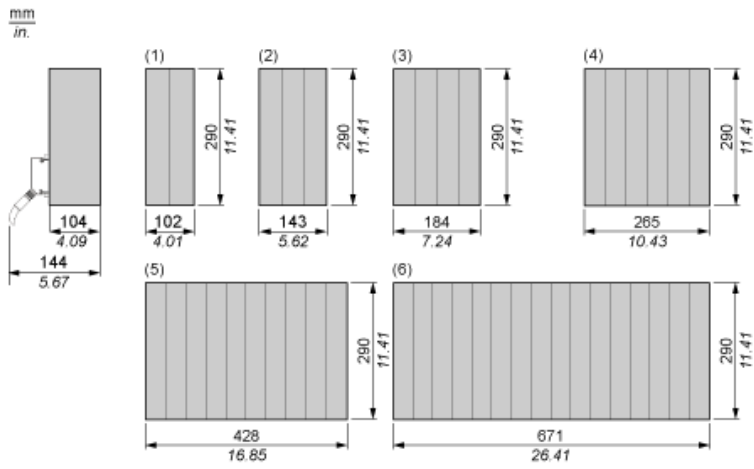
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

Warranty	18 months
----------	-----------

**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