

Product data sheet

Specifications



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

140CRA93100

! Discontinued on: 15 January 2023

! To be end-of-service on: 31 December 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
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 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	3595861133778
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.85 in (4.700 cm)
Package 1 Width	6.50 in (16.500 cm)
Package 1 Length	12.20 in (31.000 cm)
Package 1 Weight	17.71 oz (502.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	8.83 lb(US) (4.006 kg)

Offer Sustainability

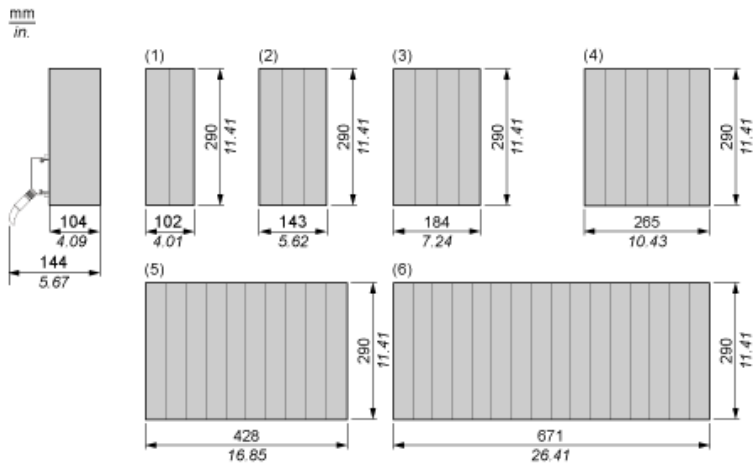
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Circularity Profile	End of Life Information
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
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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

Recommended replacement(s)

140CRA93100 is replaced by:

1x



EIO drop adapter, Modicon X80, with Ethernet backplane
BMECRA31210