Product datasheet





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

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 801000 MHz conforming to IEC 801-3
Ambient Air Temperature For Operation	060 °C
Ambient Air Temperature For Storage	-4085 °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

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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



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >



RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

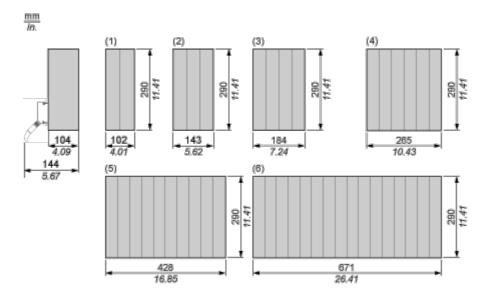
Certifications & Standards

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