

Product data sheet

Specifications



Quantum Ethernet RIO Head

140CRP31200

⚠ To be discontinued on: Dec 31, 2024

⚠ To be end-of-service on: Dec 31, 2032

⚠ To be discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range Of Product	Modicon Quantum
Product Or Component Type	Ethernet RIO head for Quantum
Number Of Port	4
Integrated Connection Type	Ethernet IP/Modbus TCP service port Ethernet IP/Modbus TCP interlink port Ethernet IP/Modbus TCP device network
Communication Port Protocol	Ethernet IP/Modbus TCP
Communication Service	Diagnostics for remote I/O devices Configure IP parameters RSTP support Configuration for remote I/O devices Allows PLC to connect to an Ethernet network

Complementary

Topology	Daisy chain loop
Local Signalling	for activity 1 LED (green) for ready 1 LED (green) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green/red)
Product Compatibility	140CPU65150 140CPU65260 140CPU65160 140CPU67261 140CPU67160
Environmental Characteristic	Standard environment Hazardous location class I division 2 EN/IEC 61131-1
Width	6.57 in (167 mm)
Height	1.97 in (50 mm)
Net Weight	1.22 lb(US) (0.554 kg)

Environment

Product Certifications	UL 508 CE C-tick
Standards	CSA C22.2 No 142 EN 55011 IEC 61000-4-16
Ip Degree Of Protection	IP20 conforming to EN 61131-2 IP20 conforming to IEC 60527
Overvoltage Category	Class I EN 61131-2

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Ambient Air Temperature For Operation	32...140 °F (0...60 °C) IEC 60068-2-2 32...140 °F (0...60 °C) IEC 60068-2-2
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C) IEC 60068-2-2 -40...185 °F (-40...85 °C) IEC 60068-2-2
Vibration Resistance	3.5 mm constant amplitude 0.5...8.4 Hz)EN 61131-2 1 gn constant acceleration 8.4...150 Hz)EN 61131-2
Operating Altitude	6561.68 ft (2000 m)
Maximum Altitude Transport	9842.52 ft (3000 m)
Relative Humidity	93 % conforming to IEC 60068

Ordering and shipping details

Category	US1PC2118155
Discount Schedule	PC21
Gtin	3595864118024
Returnability	Yes
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.97 in (5.000 cm)
Package 1 Width	6.50 in (16.500 cm)
Package 1 Length	12.40 in (31.500 cm)
Package 1 Weight	19.29 oz (547.000 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	9.59 lb(US) (4.352 kg)

Contractual warranty

Warranty	18 months
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Sustainability

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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

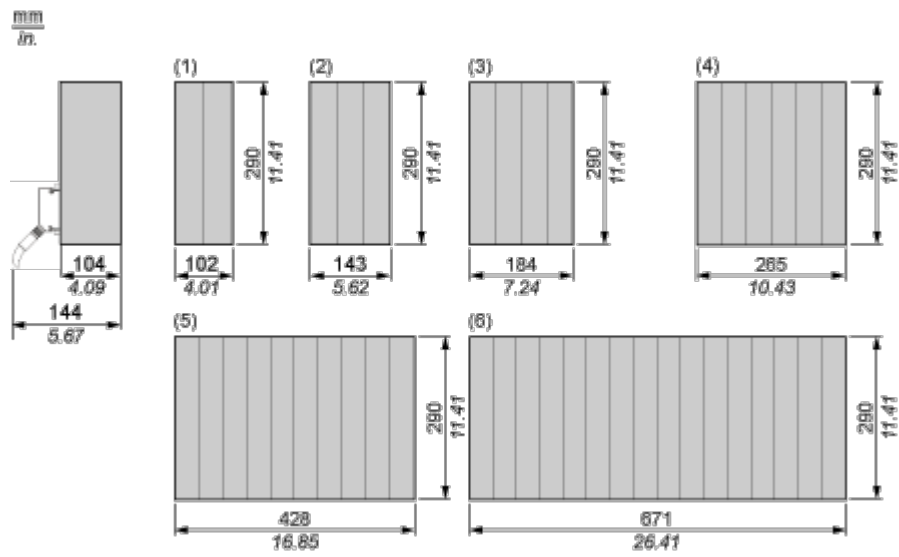
Certifications & Standards

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
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

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