

Product datasheet

Specifications



140CRA31200 - Quantum RIO Drop E/IP 1CH

140CRA31200

⚠ Discontinued on: 31 Dec 2022

⚠ To be end-of-service on: 31 Dec 2030

⚠ To be discontinued

Price: 41,327.35 ZAR

Main

| | |
|-----------------------------|---|
| Range Of Product | Modicon Quantum |
| Product Or Component Type | Ethernet RIO drop adaptor |
| Number Of Port | 3 |
| Integrated Connection Type | Ethernet IP/Modbus TCP for service port Ethernet IP/Modbus TCP for device network |
| Communication Port Protocol | Ethernet IP/Modbus TCP |
| Communication Service | The input data are collected and published to the remote I/O head adaptor Output modules are updated with the data received from remote I/O head adaptor |

Complementary

| | |
|------------------------------|---|
| Topology | Daisy chain loop |
| Local Signalling | 1 LED (green/red) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green) for RUN 1 LED (red) for I/O |
| Product Compatibility | 140CRP31200 |
| Environmental Characteristic | Standard environment Hazardous location class I division 2 conforming to EN/IEC 61131-1 |
| Width | 167 mm |
| Height | 50 mm |
| Net Weight | 0.554 kg |

Environment

| | |
|---------------------------------------|--|
| Product Certifications | CE UL 508 C-Tick |
| Standards | IEC 55011 CSA C22.2 No 142 IEC 61000-4-16 |
| Ip Degree Of Protection | IP20 conforming to IEC 61131-2 IP20 conforming to IEC 60527 |
| Overvoltage Category | Class I conforming to IEC 61131-2 |
| Ambient Air Temperature For Operation | 0...60 °C conforming to IEC 60068-2-2 0...60 °C conforming to IEC 60068-2-2 |
| Ambient Air Temperature For Storage | -40...85 °C conforming to IEC 60068-2-2 -40...85 °C conforming to IEC 60068-2-2 |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

| | |
|-----------------------------------|---|
| Vibration Resistance | 3.5 mm constant amplitude (f= 0.5...8.4 Hz) conforming to IEC 61131-2 1 gn constant acceleration (f= 8.4...150 Hz) conforming to IEC 61131-2 |
| Operating Altitude | 2000 m |
| Maximum Altitude Transport | 3000 m |
| Relative Humidity | 93 % conforming to IEC 60068 |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 4.900 cm |
| Package 1 Width | 16.400 cm |
| Package 1 Length | 31.300 cm |
| Package 1 Weight | 593.000 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 | 4.650 kg |

Contractual warranty

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

Sustainability

Green Premium™ 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-CO₂ 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](#)

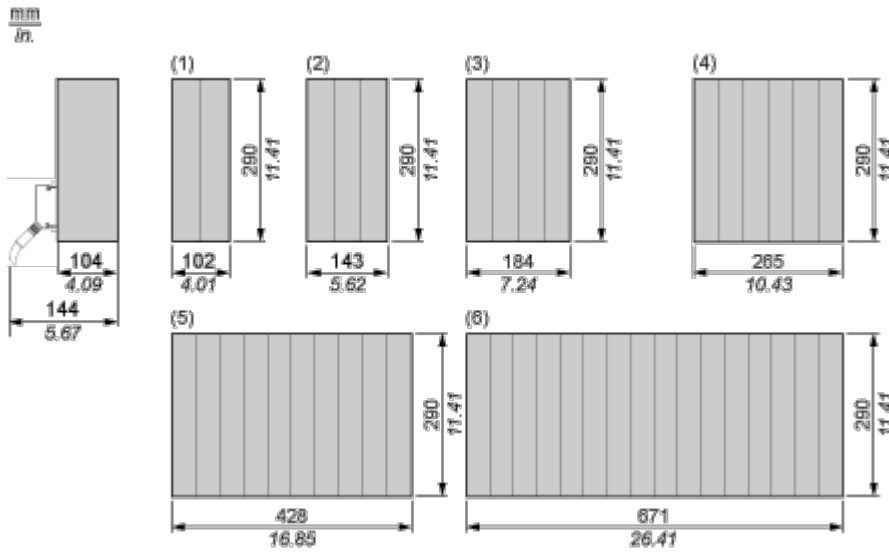
Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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