Product data sheet

Specifications



Quantum RIO Drop E/IP 1CH

140CRA31200

Product availability: Stock - Normally stocked in distribution facility

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 service port Ethernet IP/Modbus TCP 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 EN/IEC 61131-1
Width	6.6 in (167 mm)
Height	2.0 in (50 mm)
Net Weight	1.221 lb(US) (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	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 (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	6561.68 ft (2000 m)

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

Maximum altitude transport	9842.5 ft (3000 m)
Relative humidity	93 % conforming to IEC 60068

Ordering and shipping details

Category	US1PC2118155
Discount Schedule	PC21
GTIN	3595864117201
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.929 in (4.900 cm)
Package 1 Width	6.457 in (16.400 cm)
Package 1 Length	12.323 in (31.300 cm)
Package weight(Lbs)	20.917 oz (593.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	10.252 lb(US) (4.650 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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
PVC free	Yes

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No

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