140CRA31200C
Quantum RIO Drop E/IP 1CH - conformal coated

Product availability : Stock - Normally stocked in distribution facility

Green Premium™

Commercial status

To be discontinued on: **31 December 2021**

To be end-of-service on: **31 December 2029**

To be discontinued

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	Output modules are updated with the data received from remote I/O head adaptor The input data are collected and published to the remote I/O head adaptor

Complementary

Topology	Daisy chain loop
Local signalling	for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green/red) for RUN 1 LED (green) for I/O 1 LED (red)
Product compatibility	140CRP31200
Environmental characteristic	Hazardous location class I division 2 EN/IEC 61131-1 Harsh environment
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	EN 55011 IEC 61000-4-16 CSA C22.2 No 142
IP degree of protection	IP20 conforming to EN 61131-2

Jun 17, 2021

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	IP20 conforming to IEC 60527
Overvoltage category	Class I EN 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 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 % IEC 60068

Ordering and shipping details

Category	18155 - QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	00785901931690
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21 lb(US) (1.00 kg)
Returnability	No
Country of origin	FR

Packing Units

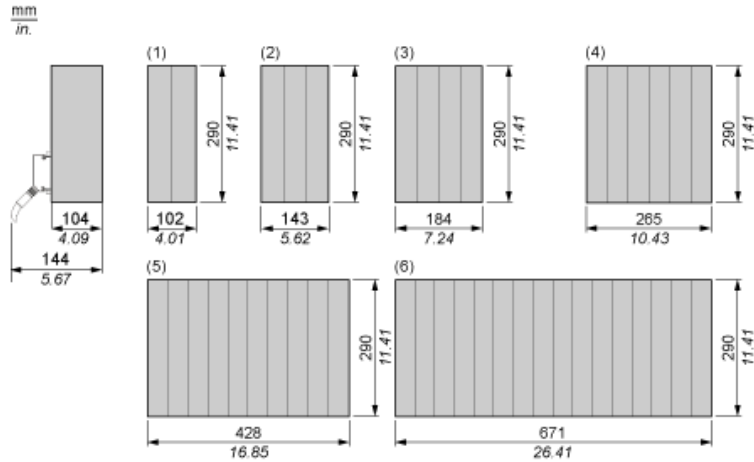|	
Unit Type of Package 1	PCE
Package 1 Height	1.97 in (5 cm)
Package 1 width	6.50 in (16.5 cm)
Package 1 Length	12.60 in (32 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Weight	11.02 lb(US) (5 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

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 Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
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

mm / in.

(1) 2 slots
(2) 3 slots
(3) 4 slots
(4) 6 slots
(5) 10 slots
(6) 16 slots

140CRA31200C may be replaced by any of the following products:

I/O expansion modules BMECRA31210C

Modicon X80 EIO Drop adapter with Ethernet backplane - coated

Qty 1

Linking to group 1

I/O expansion modules BMECRA31210C

Modicon X80 EIO Drop adapter with Ethernet backplane - coated

Qty 1

Replacement product is not a drop in replacement, contact local sales team for more information