

Product data sheet

Specifications



DIO head-end adaptor Modicon Quantum - 2 Modbus+RS485 twisted pair redundant cu

140NOM21200

! Discontinued on: 31 December 2022

! To be end-of-service on: 31 December 2030

! Discontinued - Service only

Main

Range of Product	Modicon Quantum automation platform
Product or Component Type	DIO head-end adaptor

Complementary

Product Compatibility	140CRA21210 140CRA21220
Number of port	1 Modbus RS232 twisted pair redundant copper 2 Modbus Plus RS485 twisted pair redundant copper
Transmission Rate	1 Mbit/s
I/O words	30 I/32 O
Checks	RAM Processor RAM address Checksum
Power dissipation in W	4 W
Bus current requirement	780 mA

Environment

Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	9.14 V/m (10 V/m) 80...2000 MHz IEC 801-3
Ambient Air Temperature for Operation	32...140 °F (0...60 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative Humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)
Standards	UL 508
Product Certifications	CSA FM Class 1 Division 2 GOST GL RINA RMRS DNV C-tick

Ordering and shipping details

Category	18150-QUANTUM CONTROLLERS,HSBY,COMM.
Discount Schedule	PC21
GTIN	3595861127272
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.81 in (4.6 cm)
Package 1 Width	6.30 in (16.0 cm)
Package 1 Length	12.20 in (31.0 cm)
Package 1 Weight	17.39 oz (493.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.66 lb(US) (3.927 kg)

Offer Sustainability

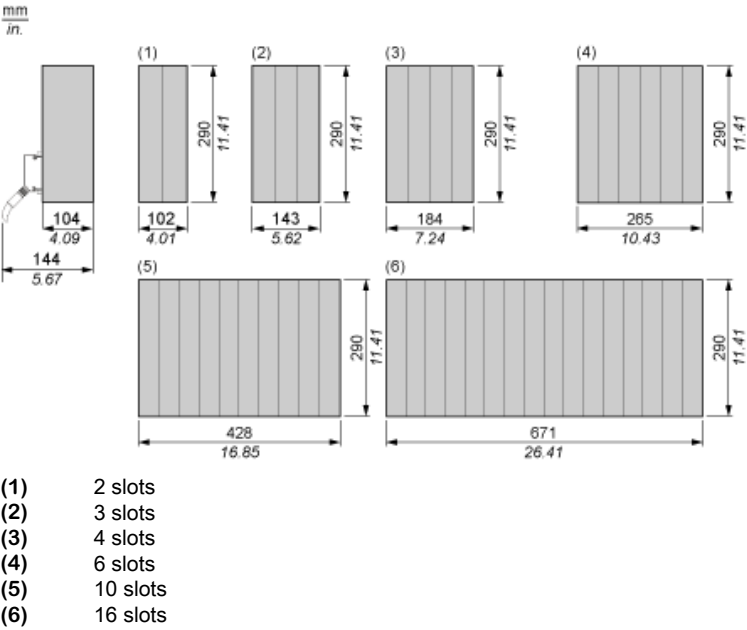
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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



Recommended replacement(s)

140NOM21200 is replaced by:

1x

Network module, Modicon M580, Ethernet IP/Modbus TCP

BMENOC0301