Product data sheet

Specifications

Modicon Quantum DIO head-end adaptor - twisted pair cable medium

140NOM21100C

⚠ Discontinued on: 31 December 2021

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

⚠ **Discontinued - Service only**

Main

Range of product	Modicon Quantum automation platform
Product or component type	DIO head-end adaptor

Complementary

Product compatibility	140CRA21110 140CRA21120
Number of port	1 Modbus Plus RS485 twisted pair single copper 1 Modbus RS232 twisted pair single copper
Transmission rate	1 Mbit/s
I/O words	30 I/32 O
Checks	RAM address RAM Processor Checksum
Power dissipation in W	4 W
Bus current requirement	780 mA
Module format	Standard

Environment

Resistance to electrostatic discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80…2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0…60 °C
Ambient air temperature for storage	-40…85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m
Protective treatment	Conformal coating Humiseal 1A33
Standards	UL 508
Product certifications	RMRS FM Class 1 Division 2 CSA GOST

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C-Tick

Packing Units

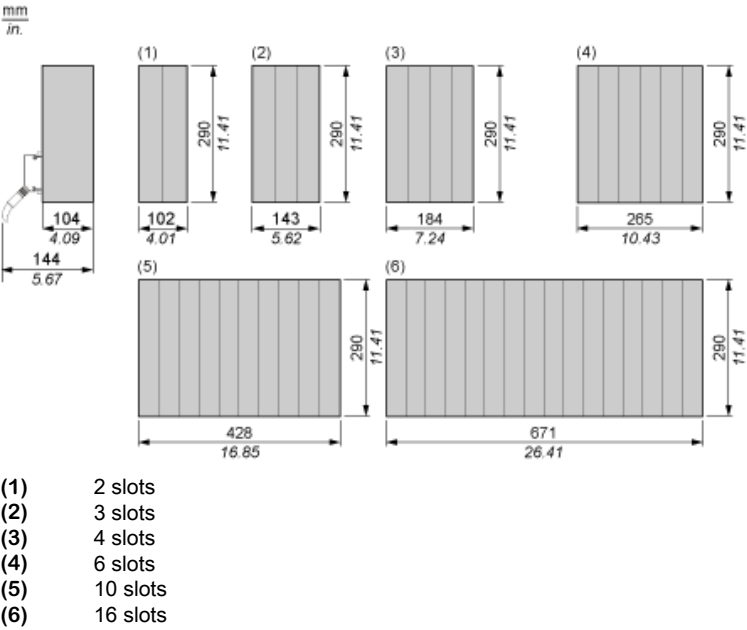|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.5 cm
Package 1 Width	16.5 cm
Package 1 Length	31.0 cm
Package 1 Weight	508.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.016 kg

Offer Sustainability

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
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

Contractual warranty

Warranty	18 months

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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

Recommended replacement(s)

140NOM21100C is replaced by:

1x	Network module, Modicon M580, Ethernet IP/Modbus TCP, coated
	BMENOC0301C