Product data sheet

Specifications

Modicon Quantum - hot standby module

140CHS11000

⚠ Discontinued on: Sep 27, 2024

⚠ **Discontinued**

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon Quantum automation platform
Product or Component Type	Hot standby module
Software designation	Concept >= V2.0 ProWORX 32 NxT V2.0

Complementary

Product Compatibility	All legacy 140CPU with LL984 language All 140CPU43412A/534 with IEC language
Input/output type	800 Series Sy/Max (remote I/O only) Quantum
Transmission Rate	10 Mbit/s
Transmission support medium	Fiber optic 9.8 ft (3 m)
Switching time	13...48 ms
Electrical connection	1 connector RJ45 for fiber optic receiver 1 connector RJ45 for fiber optic transmitter
Local signalling	1 LED (amber) for module in standby 1 LED (green) for communication with I/O module 1 LED (green) for control process 1 LED (green) for ready module 1 LED (red) for communication error
Bus current requirement	700 mA
Module format	Standard
Net Weight	2.34 lb(US) (1.06 kg)

Environment

RFI immunity	27…1000 MHz 9.1 V/m (10 V/m) IEC 60801-3
Resistance to electrostatic discharge	4 kV contact 8 kV air
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)

Ordering and shipping details

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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Category	US1PC2118150
Discount Schedule	PC21
GTIN	3595861133822
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.0 in (5 cm)
Package 1 Width	6.5 in (16.5 cm)
Package 1 Length	12.2 in (31 cm)
Package weight(Lbs)	17.6 oz (500 g)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	8.852 lb(US) (4.015 kg)

Contractual warranty

Warranty (in months)	18

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Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks

mm
in.
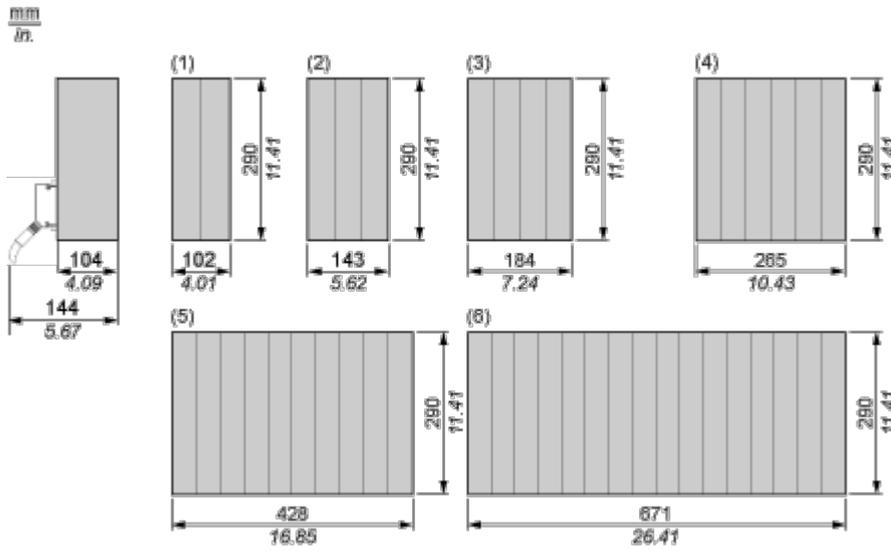
(1)   2 slots

(2)   3 slots

(3)   4 slots

(4)   6 slots

(5)   10 slots

(6)   16 slots