

Product data sheet

Specifications



Modicon Quantum - hot standby module

140CHS11000

! Discontinued on: 31 May 2015

! To be end-of-service on: 31 May 2023

! Discontinued - Service only

Main

Range of product	Modicon Quantum automation platform
Product or component type	Hot standby module
Software designation	Concept version \geq V2.0 ProWORX 32 NxT version 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 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	1.06 kg

Environment

RFI immunity	27...1000 MHz 10 V/m conforming to IEC 60801-3
Resistance to electrostatic discharge	4 kV contact 8 kV air
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	\leq 5000 m

Packing Units

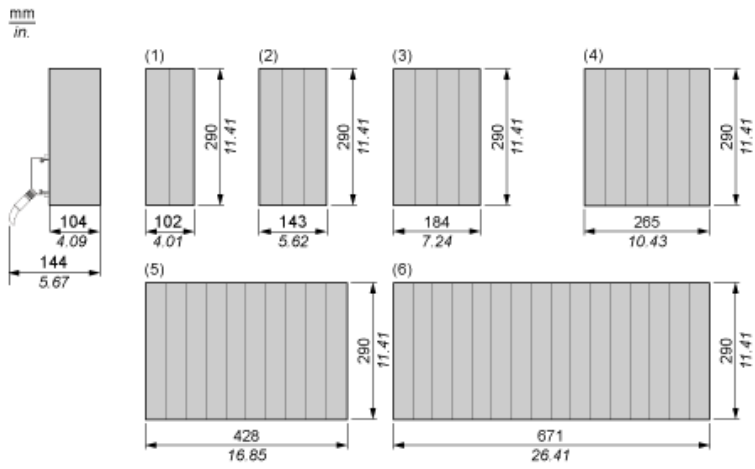
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	500 g
Package 1 Height	5 cm
Package 1 width	16.5 cm
Package 1 Length	31 cm
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Weight	4.015 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	S04
Number of Units in Package 3	18
Package 3 Weight	10.048 kg
Package 3 Height	30 cm
Package 3 width	40 cm
Package 3 Length	60 cm

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