

Product data sheet

Specifications



processor 80486 Modicon Quantum - 1 Modbus plus, 2 Modbus RS232

140CPU43412AC

⚠ Discontinued on: Dec 31, 2017

⚠ To be end-of-service on: May 31, 2024

⚠ Discontinued - Service only

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Processor
Software Name	ProWORX 32 Concept
Processor Name	80486
Mathematical Coprocessor	With

Complementary

Clock Frequency	66 MHz
Memory Description	Internal RAM 896 kB
Exact Time For 1 Kinstruction	0.1...0.5 ms LL984
Watchdog Timer	250 ms
Clock Drift	+/-8 s/day 32...140 °F (0...60 °C)
I/O Words	30 I/32 O distributed 64 I/64 O max local 64 I/64 O remote
I/O Words/Network	500 I/500 O distributed
Drops/Network	63 distributed
Number Of Drops	31 remote
Number Of Network	2 remote 3 distributed
Battery Type	Lithium 7 µA 210 µA
Battery Capacity	1.2 Ah
Battery Life	10 year(s)
Number Of Port	1 Modbus Plus 2 Modbus RS232
Communication Module Processor Capacity	6 NOM, NOE, CR, NMS
Switch Function	Key switch
Marking	CE
Bus Current Requirement	1250 mA
Module Format	Standard
Net Weight	1.87 lb(US) (0.85 kg)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Protective Treatment	Conformal coating Humiseal 1A33
Product Certifications	cUL FM Class 1 Division 2
Standards	UL 508 CSA C22.2 No 142
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)

Ordering and shipping details

Category	18150-QUANTUM CONTROLLERS,HSBY,COMM.
Discount Schedule	PC21
Gtin	3595862023603
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.97 in (5.0 cm)
Package 1 Width	6.50 in (16.5 cm)
Package 1 Length	12.20 in (31.0 cm)
Package 1 Weight	22.05 oz (625.0 g)

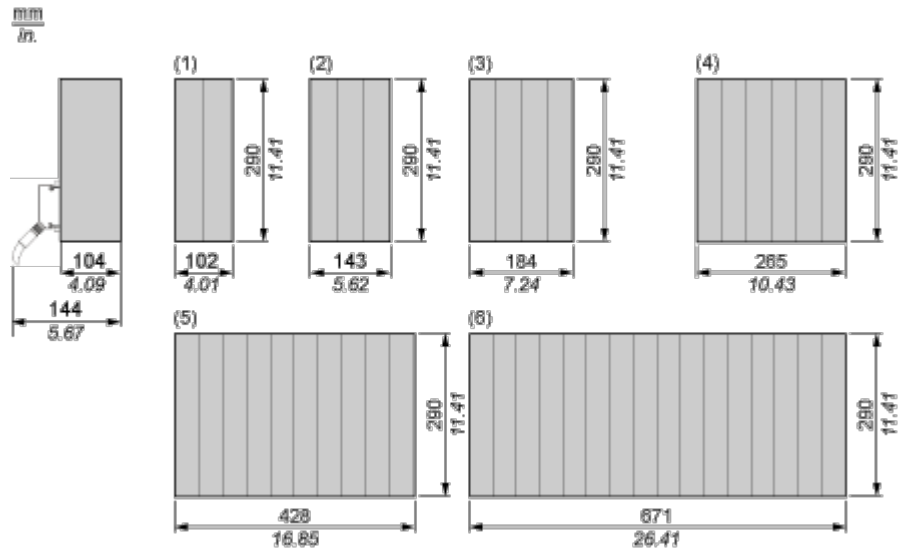
Contractual warranty

Warranty	18 months
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Dimensions Drawings

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