

Product datasheet

Specifications



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

140CPU43412AC

⚠ Discontinued on: 15 Dec 2021

⚠ End-of-service on: 31 May 2023

⚠ Discontinued - Service only

Price: 516,936.00 ZAR

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 at 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	0.85 kg

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.0 cm
Package 1 Width	16.5 cm
Package 1 Length	31.0 cm
Package 1 Weight	625.0 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

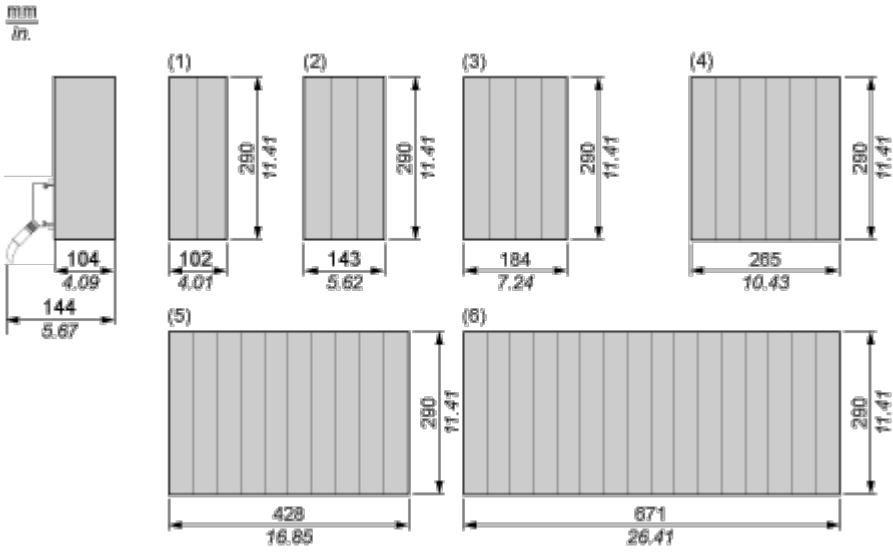
Repair

No

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