

# Product data sheet

Specifications



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

140CPU43412A

! Discontinued on: 31 May 2015

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

! Discontinued - Service only

**Price\* : 18,226.00 USD**

### 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

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

<b>Bus current requirement</b>	1250 mA
<b>Module format</b>	Standard
<b>Net Weight</b>	1.87 lb(US) (0.85 kg)

## Environment

<b>Product Certifications</b>	FM Class 1 Division 2 cUL
<b>Standards</b>	UL 508 CSA C22.2 No 142
<b>Resistance to electrostatic discharge</b>	4 kV contact IEC 801-2 8 kV on air IEC 801-2
<b>Resistance to electromagnetic fields</b>	9.14 V/m (10 V/m) 80...2000 MHz IEC 801-3
<b>Ambient air temperature for operation</b>	32...140 °F (0...60 °C)
<b>Ambient Air Temperature for Storage</b>	-40...185 °F (-40...85 °C)
<b>Relative Humidity</b>	95 % without condensation
<b>Operating altitude</b>	<= 16404.2 ft (5000 m)

## Ordering and shipping details

<b>Category</b>	18150-QUANTUM CONTROLLERS,HSBY,COMM.
<b>Discount Schedule</b>	PC21
<b>GTIN</b>	3595862014304
<b>Nbr. of units in pkg.</b>	1
<b>Package weight(Lbs)</b>	21.48 oz (609 g)
<b>Returnability</b>	No
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Package 1 Height</b>	1.73 in (4.4 cm)
<b>Package 1 width</b>	6.50 in (16.5 cm)
<b>Package 1 Length</b>	12.20 in (31 cm)
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	7
<b>Package 2 Weight</b>	10.53 lb(US) (4.778 kg)
<b>Package 2 Height</b>	11.81 in (30 cm)
<b>Package 2 width</b>	11.81 in (30 cm)
<b>Package 2 Length</b>	15.75 in (40 cm)
<b>Unit Type of Package 3</b>	S04
<b>Number of Units in Package 3</b>	18
<b>Package 3 Weight</b>	26.36 lb(US) (11.956 kg)
<b>Package 3 Height</b>	11.81 in (30 cm)
<b>Package 3 width</b>	15.75 in (40 cm)
<b>Package 3 Length</b>	23.62 in (60 cm)

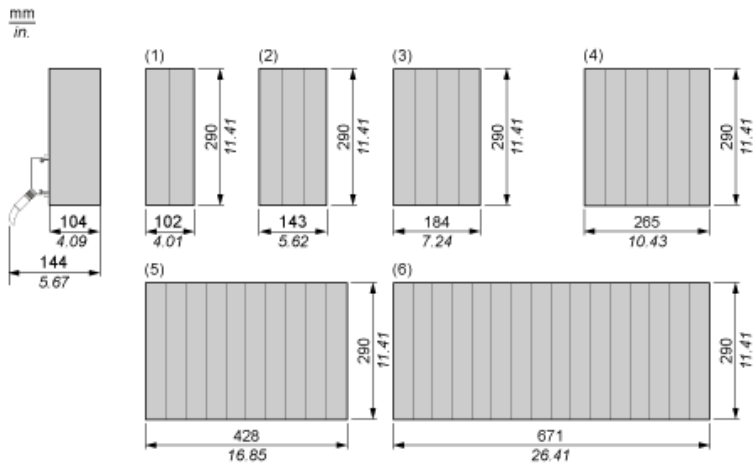
# Contractual warranty

Warranty

18 months

**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)**

140CPU43412A is replaced by:

1x



Processor module, Modicon M580, Level 2, Remote  
BMEP582040