

Schneider Service Manual

140CPU43412A

3. Product Information

Schneider Electric 140CPU43412A Picture

Processor, Modicon Quantum automation platform, ProWORX32, Concept, 896kB RAM, 66MHz

140CPU43412A

Specifications

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)

Environment

Product Certifications

FM Class 1 Division 2

cUL

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

9.1 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

3595862014304

Returnability

No

Country of origin

FR

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.73 in (4.4 cm)

Package 1 Width

6.50 in (16.5 cm)

Package 1 Length

12.20 in (31 cm)

Package weight(Lbs)

21.5 oz (609 g)