

Schneider Service Manual

140HLI34000

3. Product Information

Modicon Quantum - latch/interrupt module - 16 I - fast isolated

140HLI34000

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

Latch/interrupt module

Complementary

Number of inputs

16

Discrete input type

Fast isolated

Absolute maximum input

30 V DC

Voltage state 0 guaranteed

-3...5 V

Voltage state 1 guaranteed

15...30 V

Current state 0 guaranteed

2...8 mA

Current state 1 guaranteed

≤ 0.5 mA

Response time

130 μ s Off-On

30 μ s On-Off

Reverse polarity protection

Internal in 30 V

Isolation between channels

500 V 60 s AC

Isolation between channels and bus

1780 V 60 s AC

Bus current requirement

400 mA

Power dissipation

2.0 W + (0.3 x number of points on)

Mounting Support

Backplane for local architecture

Marking

CE

Module format

Standard

Environment

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)

Standards

UL 508

Product Certifications

DNV

GOST

CSA Class 1 Division 2

UL

FM Class 1 Division 2

C-tick

Ordering and shipping details

Category

18155-QUANTUM I/O & POWER SUPPLIES

Discount Schedule

PC21

GTIN

3595861136113

Returnability

No

Country of origin

FR

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.77 in (4.500 cm)

Package 1 Width

6.50 in (16.500 cm)

Package 1 Length

12.40 in (31.500 cm)

Package weight(Lbs)

14.392 oz (408.000 g)

Unit Type of Package 2

S02

Number of Units in Package 2

2

Package 2 Height

5.91 in (15.000 cm)

Package 2 Width

11.81 in (30.000 cm)

Package 2 Length

15.75 in (40.000 cm)

Package 2 Weight

28.783 oz (816.000 g)