

Schneider Electric 140DDI35310

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discrete input module Modicon Quantum - 32 I - 24 V DC

140DDI35310

Specifications

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

Low voltage dc discrete input modules

Discrete input number

32

Complementary

Group of channels

4

Logic input

Negative (source)

Discrete input voltage

24 V DC

Input voltage limits

19.2...30 V

Voltage state 1 guaranteed

-30...-15 V DC

Voltage state 0 guaranteed

-5...0 V DC

Current state 1 guaranteed

≥ 2.5 mA at $U_s = -14$ V

Current state 0 guaranteed

≤ 0.5 mA

Addressing requirement

2 input words

Input impedance

2400 Ohm

Maximum leakage current

200 mA at $U_s = 5.5$ V and $U_{in} = 4$ V

Absolute maximum input

30 V continuous

50 V during 1 ms decaying pulse

Response Time

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

<= 1 ms from state 0 to state 1
<= 1 ms from state 1 to state 0
Protection Type
Input protection by resistor limited
Power dissipation
1.5 W + (0.26 x number of points on)
Isolation between group and bus
1780 Vrms for 1 minute
Isolation between group
500 Vrms for 1 minute
Local signalling
1 LED (green) for bus communication is present (Active)
1 LED (red) for external fault detected (F)
32 LEDs (green) for input status
Marking
CE
Bus current requirement
330 mA
Module format
Standard
Net Weight
0.7 lb(US) (0.3 kg)
Environment
Standards
UL 508
CSA C22.2 No 142
Product Certifications
RINA
GOST
FM Class 1 Division 2
C-tick
RMRS
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)

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Relative Humidity
95 % without condensation
Operating altitude
<= 16404.2 ft (5000 m)
Ordering and shipping details
Category
US1PC2118155
Discount Schedule
PC21
GTIN
3595861135680
Returnability
Yes
Country of origin
CN
Packing Units
Unit Type of Package 1
PCE
Nbr. of units in pkg.
1
Package 1 Height
6.42 in (16.3 cm)
Package 1 Width
1.77 in (4.5 cm)
Package 1 Length
12.28 in (31.2 cm)
Package weight(Lbs)
14.5 oz (412.0 g)

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