# Schneider Electric 140DAI74000

Schneider Electric 140DAI74000 Picture
discrete input module Modicon Quantum - 16 I - 230 V AC
140DAI74000
Specifications
Main
Range of Product
Modicon Quantum automation platform
Product or Component Type
VAC discrete input modules
Software name
Concept
ProWORX 32
Unity Pro
Discrete input number
16
Complementary
Group of channels
16
Addressing requirement
1 input word
Discrete input voltage
230 V AC
Input current
11.5 mA 57...63 Hz
9.7 mA 47...53 Hz
Voltage state 1 guaranteed
165...264 V AC 57...63 Hz
175...264 V AC 47...53 Hz
Voltage state 0 guaranteed
0...40 V AC 57...63 Hz
0...40 V AC 47...53 Hz
Input impedance
26500 Ohm capacitive 57...63 Hz
31800 Ohm capacitive 47...53 Hz
Network frequency limits
47…63 Hz
Maximum leakage current
2.6 mA

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Absolute maximum input
264 V continuous
300 V 10 s
400 V 1 cycle
Response Time
4.9...0.75 ms x line cycle Off-On
7.3...12.3 ms On-Off
Isolation between channels
1780 Vrms for 1 minute
Isolation between channels and bus
1780 Vrms for 1 minute
Bus current requirement
180 mA
Maximum power dissipation in W
5.5 W
Local signalling
1 LED (green) for bus communication is present (Active)
1 LED (red) for external fault detected (F)
16 LEDs (green) for input status
Marking
CE
Module format
Standard
Net Weight
0.77 lb(US) (0.35 kg)
Environment
Standards
UL 508
CSA C22.2 No 142
Product Certifications
FM Class 1 Division 2
cUL
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
3595861126947
Returnability
No
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)
15.9 oz (450.0 g)

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