Product data sheet

Specification





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

140DAI35300

- ! Discontinued on: Dec 31, 2022
- ! To be end-of-service on: Dec 31, 2030

① Discontinued - Service only

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range Of Product	Modicon Quantum automation platform	
Product Or Component Type	VAC discrete input modules	
Software Name	ProWORX 32 Concept Unity Pro	
Discrete Input Number	32	

Complementary

Group Of Channels	4
Addressing Requirement	2 input words
Discrete Input Voltage	24 V AC
Input Current	11.1 mA 5763 Hz 13.2 mA 4753 Hz
Voltage State 1 Guaranteed	1230 V AC 5763 Hz 1430 V AC 4753 Hz
Voltage State 0 Guaranteed	05 V 5763 Hz 05 V 4753 Hz
Input Impedance	2600 Ohm capacitive 5763 Hz 3100 Ohm capacitive 4753 Hz
Network Frequency Limits	4763 Hz
Maximum Leakage Current	1.9 mA
Absolute Maximum Input	30 V continuous 32 V 10 s 50 V 1 cycle
Response Time	4.90.75 ms x line cycle Off-On 7.312.3 ms On-Off
Isolation Between Group	1780 Vrms for 1 minute
Isolation Between Group And Bus	1780 Vrms for 1 minute
Bus Current Requirement	250 mA
Maximum Power Dissipation In W	10.9 W
for bus communication is present (Active) 1 LED (green) for external fault detected (F) 1 LED (red) for input status 32 LEDs (green)	
Marking	CE
Module Format	Standard

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

Net Weight 0.75 lb(US) (0.34 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	e To Electromagnetic 9.14 V/m (10 V/m) 802000 MHz IEC 801-3	
Ambient Air Temperature For Operation	32140 °F (060 °C)	
Ambient Air Temperature For Storage	-40185 °F (-4085 °C)	
Relative Humidity	95 % without condensation	
Operating Altitude	<= 16404.2 ft (5000 m)	

Ordering and shipping details

Category	US1PC2118155	
Discount Schedule	PC21	
Gtin	3595861126886	
Returnability	Yes	
Country Of Origin	CN	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	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 1 Weight	16.75 oz (475.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.65 lb(US) (3.925 kg)

Contractual warranty

Warranty 18 months



Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

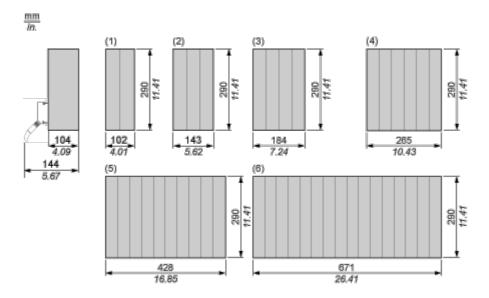
Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks

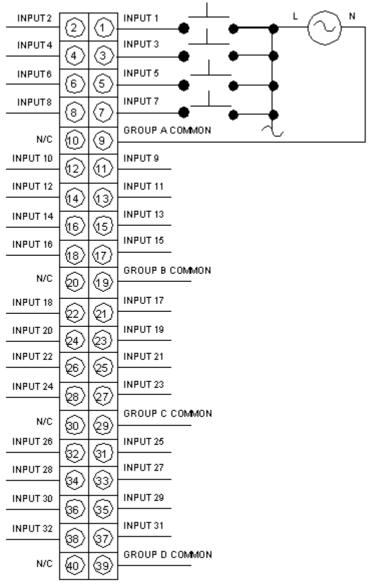


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

Connections and Schema

24 Vac Discrete Input Module

Wiring Diagram



N/C Not Connected