Product data sheet

Specifications





① Discontinued

discrete output module Modicon Quantum - 32 O - 20..253 V AC

140DAO85300C

() Discontinued on: Mar 15, 2022

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

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	AC discrete output modules
Discrete Output Number	32

Complementary

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Group Of Channels	4 groups of 8 channels
Supply Frequency	4763 Hz
Maximum Voltage Drop	1.5 V
Discrete Output Voltage	20253 V AC
Addressing Requirement	2 output words
Absolute Maximum Output	300 Vrms 10 s AC 400 Vrms 1 cycle AC
Maximum Load Current	16 A rms per module 4 A rms per group 0.88 mA 230 V off state leakage per output 1 A rms 20253 V per output
Surge Current	2.5 A 1 ms
Dv/Dt	400 V/ms
Response Time	<= 0.5 ms at state 0 to state 1 <= 0.5 ms at state 1 to state 0
Protection Type	Internal output protection by 4 A fuse Internal by RC filter
Power Dissipation	1.60 + (1.0 V x total module load current)
Marking	CE
Local Signalling	for bus communication is present (Active) 1 LED (green) for external fault detected (F) 1 LED (red) for input status 32 LEDs (green)
Bus Current Requirement	320 mA
Module Format	Standard
Net Weight	0.99 lb(US) (0.45 kg)

Environment

Protective Treatment	Conformal coating Humiseal 1A33
Product Certifications	cUL FM Class 1 Division 2

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

Standards	UL 508 CSA C22.2 No 142
Electromagnetic Compatibility	Electrostatic discharge immunity test - test level: 4 kV (contact discharge) conforming to IEC 801-2 Electrostatic discharge immunity test - test level: 8 kV (air discharge) conforming to IEC 801-2 Susceptibility to electromagnetic fields - test level: 10 V/m (801000 MHz) conforming to 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	3595860001078
Returnability	No
Country Of Origin	US

Packing Units

PCE
1
1.77 in (4.5 cm)
6.30 in (16.0 cm)
12.40 in (31.5 cm)
18.45 oz (523.0 g)
S02
1
5.91 in (15.0 cm)
11.81 in (30.0 cm)
15.75 in (40.0 cm)
18.45 oz (523.0 g)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

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

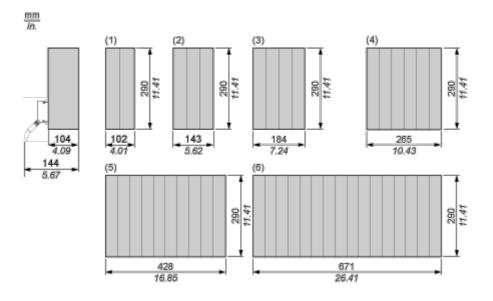
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life 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

Product data sheet

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks

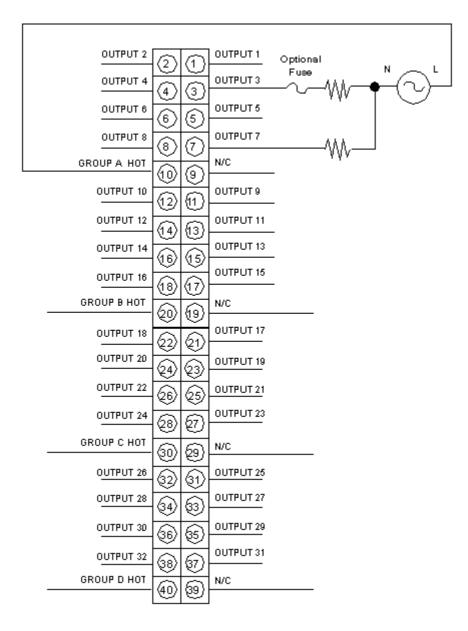


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

Connections and Schema

24...230 Vac Discrete Output Module

Wiring Diagram



N/C Not Connected