# Product data sheet

Specifications





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

140DAO85300

- Discontinued on: Jan 15, 2023
- ! To be end-of-service on: Dec 31, 2030

① Discontinued - Service only

Product availability: Stock - 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

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**

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	CSA C22.2 No 142 UL 508
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	3595860001511	
Returnability	Yes	
Country Of Origin	FR	

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.85 in (4.700 cm)
Package 1 Width	6.46 in (16.400 cm)
Package 1 Length	12.40 in (31.500 cm)
Package 1 Weight	17.35 oz (492.000 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	8.68 lb(US) (3.937 kg)

## **Contractual warranty**

Warranty 18 months



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RoHS/REACh

## Well-being performance

<b>⊘</b>	Reach Free Of Svhc	
<b>②</b>	Mercury Free	
<b>②</b>	Rohs Exemption Information	Yes

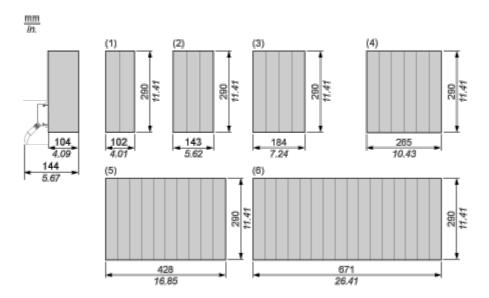
### **Certifications & Standards**

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**

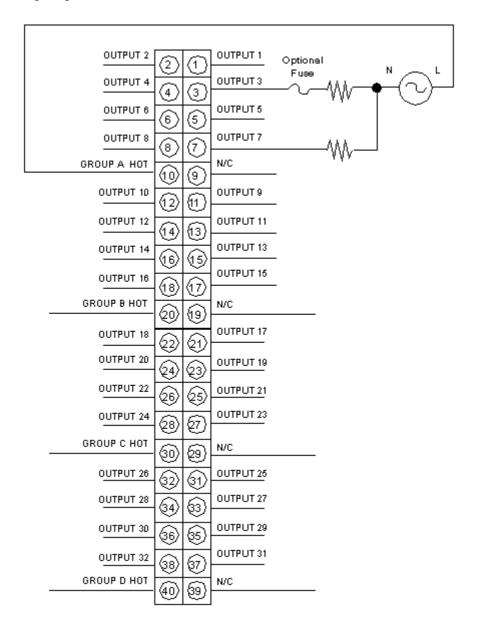


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

#### Connections and Schema

### 24...230 Vac Discrete Output Module

#### Wiring Diagram



N/C Not Connected