# **Product data sheet**

Specification





# AS-Interface master module Modicon Quantum - 30 V DC

140EIA92100

- ! Discontinued on: Dec 2, 2020
- ! End-of-service on: Dec 31, 2020

① Discontinued - Service only

## Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	AS-Interface master module

# Complementary

J		
Range Compatibility	AS-Interface cabling system	
As-I Version	V1	
Actuator Sensor Interface Profile [As-I]	M2	
Addressing	Standard	
Maximum Cycle Time	5 ms	
Bus Length	0.00328.08 ft (0100 m) without repeater	
Discrete Input Number	124	
Discrete Output Number	124	
Number Of Server Device(S)	31	
Number Of Module Per Plc	2 per Quantum PLC distributed drop 4 per Quantum PLC local drop 4 per Quantum PLC remote drop	
Supply	Via AS-Interface line	
[Us] Rated Supply Voltage	30 V DC	
As-I Cabling System Cycle Time	156 x (n + 1) μs 31 156 x (n + 2) μs	
Transmission Rate	167 kbit/s	
Reverse Polarity Protection	Internal	
Local Signalling	for slave addresses and state of slave I/O bits 32 LEDs	
Electrical Connection	1 male connector SUB-D 3 pins AS-Interface link	
Current Consumption	<= 100 mA	
Typical Current Consumption	60 mA 30 V DC	
Marking	CE	
Net Weight	0.99 lb(US) (0.45 kg)	

## **Environment**

Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	32140 °F (060 °C)

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

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Product Certifications	FM	
	CSA	
	GOST	
	C-tick	
	UL	

# Ordering and shipping details

Category	18155-QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
Gtin	3595860031389
Returnability	No
Country Of Origin	FR

# **Packing Units**

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.97 in (5.0 cm)
Package 1 Width	6.50 in (16.5 cm)
Package 1 Length	12.60 in (32.0 cm)
Package 1 Weight	16.65 oz (472.0 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	2
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	2.85 lb(US) (1.294 kg)

# **Contractual warranty**

Warranty 18 months



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RoHS/REACh

#### **Certifications & Standards**

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

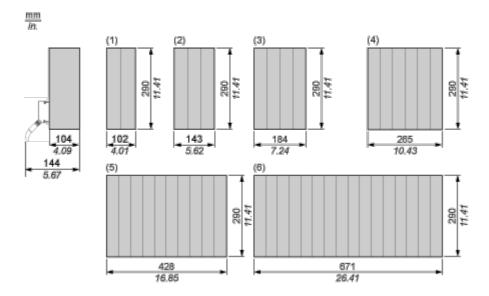
**EU RoHS Declaration** 

Circularity Profile End of Life Information

# **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

# 140EIA92100

Connections and Schema

## **Quantum AS-i Master Module**

# **AS-i Cable Connection**

