

Product datasheet

Specifications



AS-Interface master module Modicon Quantum - 30 V DC

140EIA92100

Discontinued on: 23 Jan 2021

Discontinued

Main

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

Complementary

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...100 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 with 31 slave(s) 156 x (n + 2) µs
Transmission Rate	167 kbit/s
Reverse Polarity Protection	Internal
Local Signalling	32 LEDs for slave addresses and state of slave I/O bits
Electrical Connection	1 male connector SUB-D 3 pins for AS-Interface link
Current Consumption	<= 100 mA
Typical Current Consumption	60 mA 30 V DC
Marking	CE
Net Weight	0.45 kg

Environment

Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	0...60 °C

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product Certifications	FM CSA GOST C-Tick UL
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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.0 cm
Package 1 Width	16.5 cm
Package 1 Length	32.0 cm
Package 1 Weight	472.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	2
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.294 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class 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

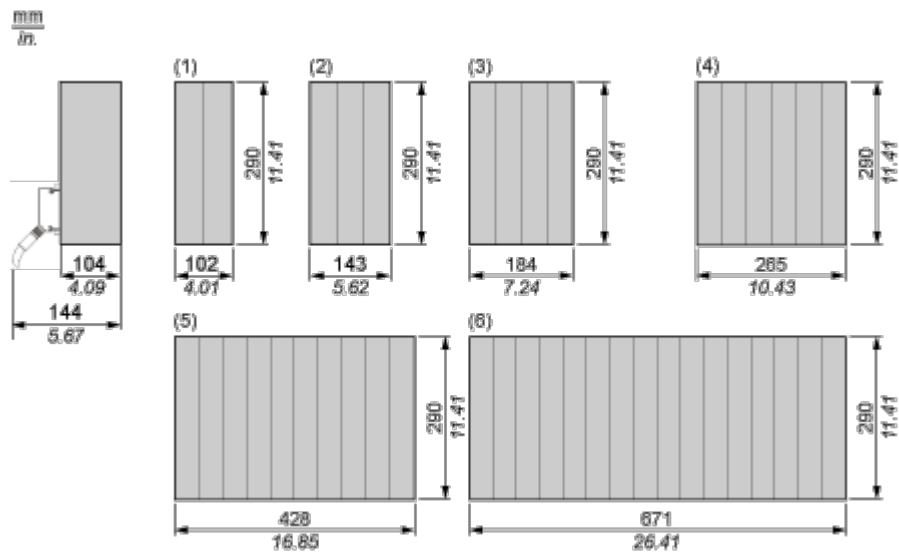
Certifications & Standards

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

Connections and Schema

Quantum AS-i Master Module

AS-i Cable Connection

