

Product data sheet

Specifications



AS-Interface master module Modicon Quantum - 30 V DC

140EIA92100C

⚠ Discontinued on: Dec 31, 2017

⚠ End-of-service on: Dec 31, 2025

⚠ Discontinued - Service only

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...328.08 ft (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 31 156 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 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	32...140 °F (0...60 °C)

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

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	UL
	FM
	C-tick
	CSA
	GOST

Ordering and shipping details

Category	18155-QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	3595862033411
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.0 in (5.0 cm)
Package 1 Width	6.5 in (16.5 cm)
Package 1 Length	12.4 in (31.5 cm)
Package weight(Lbs)	17.1 oz (485.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	3.078 lb(US) (1.396 kg)



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No