

Product data sheet

Specifications



ASCII serial link module Modicon Quantum - 2 RS232C port

140ESI06210C

- ❗ Discontinued on: 31 December 2021
- ❗ To be end-of-service on: 31 December 2029

❗ Discontinued - Service only

Main

Range of product	Modicon Quantum automation platform
Product or component type	ASCII serial link module
Software name	Concept > V2 ProWORX 32 > V2 ProWORX NxT > V2 Unity Pro > V2

Complementary

Product compatibility	All Quantum CPU
Product specific application	For severe environments
Mode of transmission	ASCII
Number of port	2 RS232C non isolated conforming to DIN 66020
Electrical connection	2 connectors SUB-D 9
Transmission rate	19.2 kbit/s
Maximum cable distance between devices	<20 m
Message nesting	8 levels
Buffer size	255 I bytes/255 O bytes
Number of messages	255
Message length	127 characters + 1 checksum maximum
Clock	With calendar clock
Memory capacity	128 kB flash 32 kB RAM
Maximum power dissipation in W	2 W
Addressing requirement	12 input words 12 output words
Bus current requirement	300 mA
Module format	Standard
Net weight	0.3 kg

Environment

Resistance to electromagnetic fields	10 V/m 80...1000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

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	31.5 cm
Package 1 Weight	423.0 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	1.196 kg

Offer Sustainability

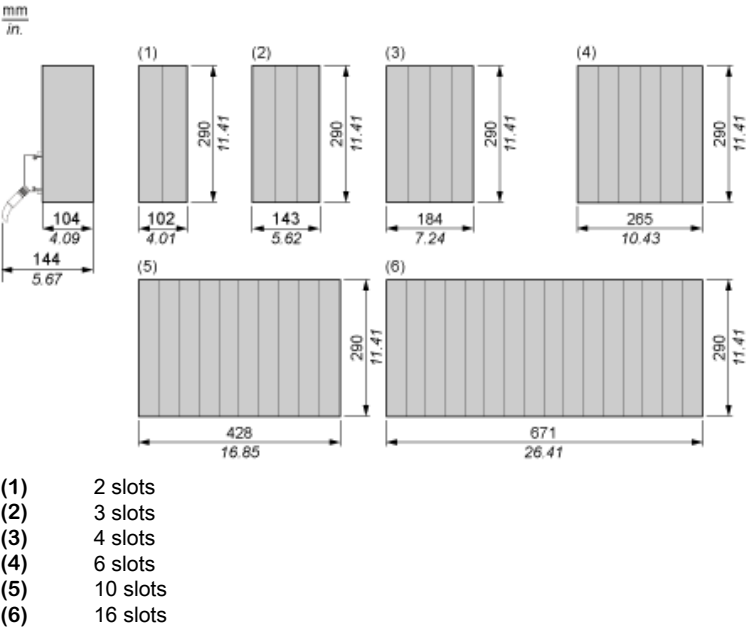
Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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

Contractual warranty

Warranty	18 months
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Racks for Modules Mounting

Dimensions of Modules and Racks



Recommended replacement(s)

140ESI06210C is replaced by:

1x

Communication module, Modicon M340, Ethernet IP Modbus TCP, 1 x RJ45, flash memory card, for severe environments

BMXNOM0200H