

Product datasheet

Specifications



DIO drop interface Modicon Quantum - 115/230 V AC - 1 single port

140CRA21110

⚠ Discontinued on: 31 Dec 2022

⚠ To be end-of-service on: 31 Dec 2030

⚠ To be discontinued

Price: 16,668.70 ZAR

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	DIO drop interface

Complementary

Number Of Port	1 single
[Us] Rated Supply Voltage	115/230 V AC
Supply Voltage Limits	85...276 V
Supply Frequency	47...63 Hz
Maximum Supply Current	0.2 A 115 V 0.4 A 230 V
Inrush Current	10 A 115 V 20 A 230 V
Rated Power In Va	50 VA
Associated Fuse Rating	1.5 A
Output Voltage	5.1 V
Nominal Output Current	3 A
Minimum Load Current	0 A
Short-Circuit Protection	With
Output Overvoltage Protection	With
I/O Words	30 I/32 O
Typical Backplanes	3 positions 2 positions 6 positions 16 positions 10 positions 4 positions
Diagnostics Startup	RAM address RAM Checksum
Diagnostics Run Time	RAM address RAM Checksum
Power Dissipation In W	11 W
Connections - Terminals	Terminal block, 7 poles

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Module Format	Standard
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Environment

Resistance To Electrostatic Discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
Resistance To Electromagnetic Fields	10 V/m 80...2000 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
Protective Treatment	TC
Standards	UL 508
Product Certifications	CSA Class 1 Division 2 UL DNV C-Tick GOST

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.000 cm
Package 1 Width	16.500 cm
Package 1 Length	31.500 cm
Package 1 Weight	689.000 g

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

Well-being performance

Reach Free Of Svhc

Mercury Free

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](#)

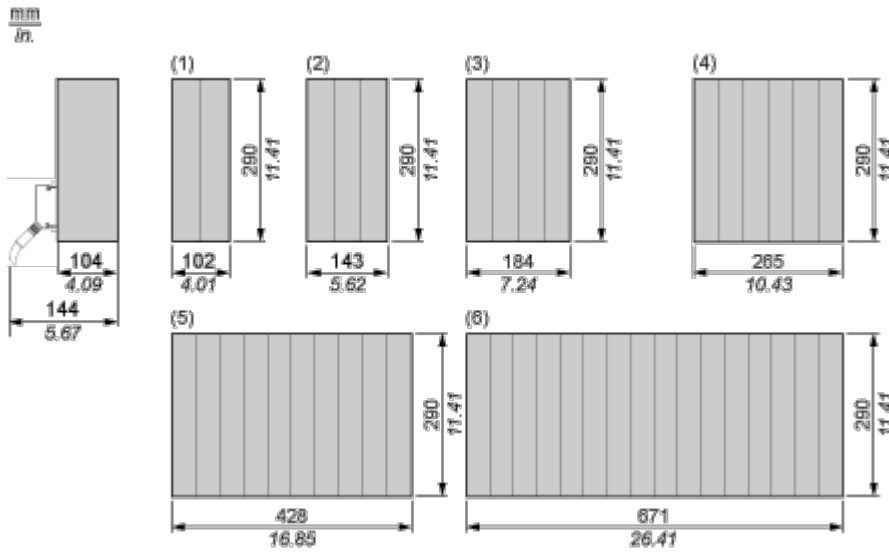
Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)

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

AC Powered Distributed I/O (DIO) Module

Wiring Diagram

