



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
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
Load current	≥ 0 A
Short-circuit protection	With
Output overvoltage protection	With
I/O words	30 I/32 O
Typical backplanes	2 positions 3 positions 4 positions 6 positions 10 positions 16 positions
Diagnostics startup	Checksum RAM RAM address
Diagnostics run time	Checksum

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

	RAM RAM address
Power dissipation in W	11 W
Connections - terminals	Terminal block, 7 poles
Module format	Standard

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 C-Tick DNV GOST UL

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0934 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available End of Life Information
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

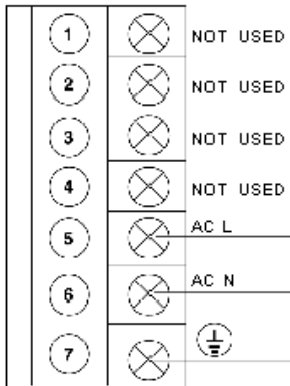
Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

AC Powered Distributed I/O (DIO) Module

Wiring Diagram



140CRA21110 is replaced by:



Standard environment BMXCRA31200

Modicon X80 RIO Drop E/IP STD

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2021 | Not same dimensions/design/software, complete reconfiguration needed - EtherNet/IP drop, no more Modbus Plus
