



### 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	$\geq 0$ A
Short-circuit protection	With
Output overvoltage protection	With
I/O words	30 I/32 O
Typical backplanes	16 positions 10 positions 3 positions 2 positions 4 positions 6 positions
Diagnostics startup	RAM Checksum RAM address
Diagnostics run time	RAM RAM address Checksum
Power dissipation in W	11 W
Connections - terminals	Terminal block, 7 poles

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

Module format	Standard
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## Environment

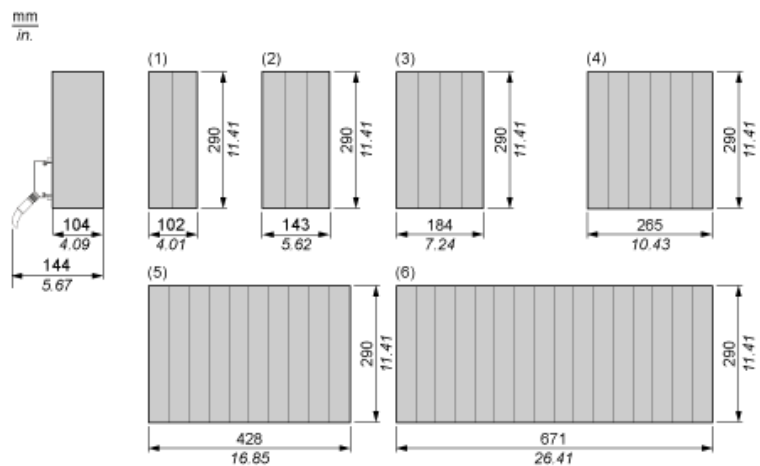
Resistance to electrostatic discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m
Protective treatment	Conformal coating Humiseal 1A33 TC
Standards	UL 508
Product certifications	DNV CSA Class 1 Division 2 C-Tick UL GOST

## 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

140CRA21210C

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AC Powered Distributed I/O (DIO) Module

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Wiring Diagram

