



### 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                | 0.4 A 230 V<br>0.2 A 115 V                                                               |
| Inrush current                | 20 A 230 V<br>10 A 115 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<br>3 positions<br>4 positions<br>6 positions<br>10 positions<br>16 positions |
| Diagnostics startup           | Checksum<br>RAM<br>RAM address                                                           |
| Diagnostics run time          | Checksum<br>RAM<br>RAM address                                                           |
| Power dissipation in W        | 11 W                                                                                     |
| Connections - terminals       | Terminal block, 7 poles                                                                  |
| Module format                 | Standard                                                                                 |

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## Environment

|                                       |                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------|
| Resistance to electrostatic discharge | 8 kV on air conforming to IEC 801-2<br>4 kV contact 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<br>C-Tick<br>DNV<br>GOST<br>UL                       |

## Offer Sustainability

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                 |
| RoHS (date code: YYWW)           | Compliant - since 0911 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available <a href="#">Download Product Environmental</a>                              |
| Product end of life instructions | Need no specific recycling operations                                                 |

## 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

