



### 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<br>0.4 A 230 V   |
| Inrush current                | 10 A 115 V<br>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<br>10 positions<br>3 positions<br>2 positions<br>6 positions<br>4 positions |
| Diagnostics startup           | Checksum<br>RAM<br>RAM address   |
| Diagnostics run time          | RAM  |

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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 address<br>Checksum |
| 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<br>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                | DNV<br>UL<br>GOST<br>C-Tick<br>CSA Class 1 Division 2                       |

## Offer Sustainability

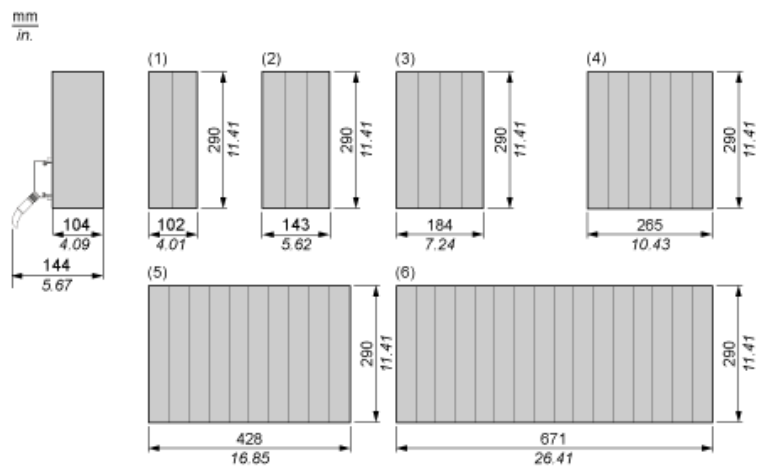
|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0934 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">End of life manual</a>   |
| Product end of life instructions | Available   |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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

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AC Powered Distributed I/O (DIO) Module

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Wiring Diagram

