



Main

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|---------------------------|-------------------------------------|
| Range of product | Modicon Quantum automation platform |
| Product or component type | DIO head-end adaptor |

Complementary

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|-------------------------------|--|
| Number of port | 1 Modbus RS232 twisted pair 1 Modbus Plus fiber optic single copper |
| Transmission rate | 1 Mbit/s |
| Electrical connection | 2 connectors TX/RX 1 connector RJ45 |
| I/O words | 30 I/32 O |
| Checks | Checksum Processor RAM RAM address |
| Power dissipation in W | 4 W |
| Pulse width distortion/jitter | >= 5 ns |
| Wavelength | 820 nm |
| Power loss budget | 6.5 dB 50/125 µm 16.5 dB 100/140 µm 11 dB 62.5/125 µm |
| Optical transmission | -3.5...110.5 dBm 62.5/125 µm -19.8...-12.8 dBm 50/125 µm -16...-9 dBm 100/140 µm |
| Rise/Fall time | 20 ns |
| Dynamic range | 20 dB |
| Detected silence | -36 dBm |
| Sensitivity scale | > 30 dBm |
| Bus current requirement | 750 mA |

Environment

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|---------------------------------------|---|
| Resistance to electrostatic discharge | 8 kV on air conforming to IEC 801-2 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 |

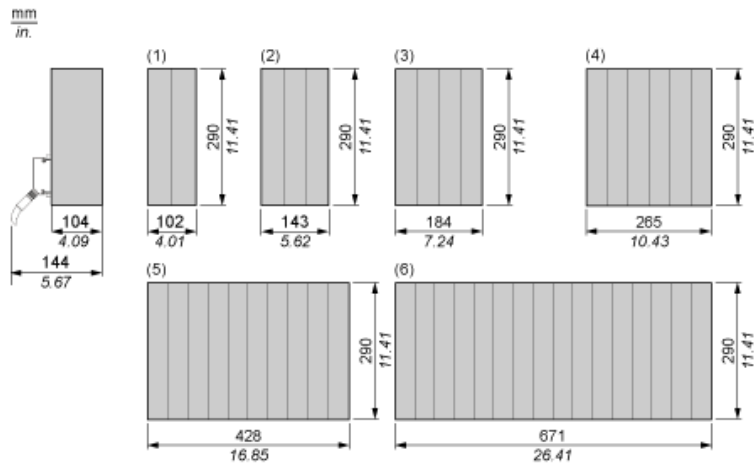
| | |
|------------------------|---|
| Standards | UL 508 |
| Product certifications | CSA Class 1 Division 2 C-Tick DNV GL GOST RINA RMRS |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0901 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| 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