



Main

|                           |                                     |
|---------------------------|-------------------------------------|
| Range of product          | Modicon Quantum automation platform |
| Product or component type | Fibre converter                     |
| Optic fiber type          | Multi mode                          |

Complementary

|                                       |                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bus current requirement               | 1000 mA                                                                                                                                                                                                                                                                                                                                                     |
| Power dissipation in W                | 5 W                                                                                                                                                                                                                                                                                                                                                         |
| Inrush current                        | 1 Aat 5 V DC                                                                                                                                                                                                                                                                                                                                                |
| Number of port                        | 2 fiber optic, connector type: LC<br>2 Ethernet, connector type: RJ45                                                                                                                                                                                                                                                                                       |
| Local signalling                      | 1 LED green module status with RDY marking<br>1 LED red internal fault, module failure with ERR marking<br>1 LED green channel 1 link status with STS1 marking<br>1 LED green channel 1 communication status with FX1 ACT marking<br>1 LED green channel 2 link status with STS2 marking<br>1 LED green channel 2 communication status with FX2 ACT marking |
| Wavelength                            | 5.1575E-05 in (1310 nm)                                                                                                                                                                                                                                                                                                                                     |
| Optic distance between 2 transceivers | 6561.68 ft (2000 m) (50/125 µm), optical power : -23.5...-14 dBm<br>9842.52 ft (3000 m) (62.5/125 µm), optical power : -20...-14 dBm                                                                                                                                                                                                                        |
| Attenuation                           | -23.5...-14 dB (50/125 µm)<br>-20...-14 dB (62.5/125 µm)                                                                                                                                                                                                                                                                                                    |
| Rise/fall time                        | 3 ns                                                                                                                                                                                                                                                                                                                                                        |
| Receiver sensitivity                  | - 30 dBm                                                                                                                                                                                                                                                                                                                                                    |
| Detected silence                      | -45 dBm                                                                                                                                                                                                                                                                                                                                                     |
| Marking                               | CE                                                                                                                                                                                                                                                                                                                                                          |
| Material                              | PC (polycarbonate)                                                                                                                                                                                                                                                                                                                                          |
| Width                                 | 1.59 in (40.34 mm)                                                                                                                                                                                                                                                                                                                                          |
| Height                                | 9.84 in (250 mm)                                                                                                                                                                                                                                                                                                                                            |
| Depth                                 | 4.09 in (103.85 mm)                                                                                                                                                                                                                                                                                                                                         |
| Product weight                        | 1.22 lb(US) (0.554 kg)                                                                                                                                                                                                                                                                                                                                      |

Environment

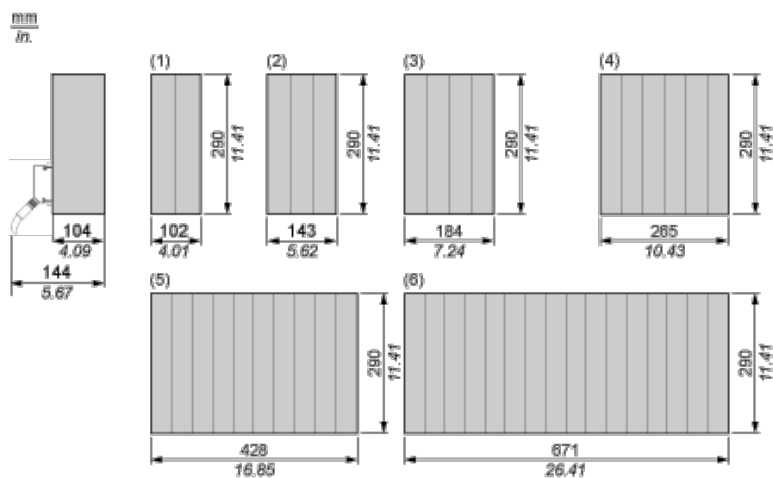
|                                       |                                                     |
|---------------------------------------|-----------------------------------------------------|
| ambient air temperature for operation | 32...140 °F (0...60 °C)                             |
| ambient air temperature for storage   | -40...185 °F (-40...85 °C)                          |
| relative humidity                     | 0...95 %                                            |
| operating altitude                    | 0...6561.68 ft (0...2000 m)                         |
| standards                             | CSA C22.2 No 142<br>FM Class 1 Division 2<br>UL 508 |
| product certifications                | C-Tick<br>TÜV<br>Merchant Navy                      |

Offer Sustainability

|                                                                                                                                 |                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Green Premium product                                                                                                           | Green Premium product                                                                                                           |
| Compliant - since 1623 - Schneider Electric declaration of conformity                                                           | Compliant - since 1623 - Schneider Electric declaration of conformity                                                           |
| Reference not containing SVHC above the threshold                                                                               | Reference not containing SVHC above the threshold                                                                               |
| Available                                                                                                                       | Available                                                                                                                       |
| Available                                                                                                                       | Available                                                                                                                       |
| WARNING: This product can expose you to chemicals including:                                                                    | WARNING: This product can expose you to chemicals including:                                                                    |
| Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. | Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                   | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                   |

## 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