

Product availability: Stock - Normally stocked in distribution facility



### 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 A at 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                             | FM Class 1 Division 2<br>UL 508<br>CSA C22.2 No 142 |
| Product certifications                | C-Tick<br>TÜV<br>Merchant Navy                      |

## Ordering and shipping details

|                       |                                      |
|-----------------------|--------------------------------------|
| Category              | 18155 - QUANTUM I/O & POWER SUPPLIES |
| Discount Schedule     | PC21                                 |
| GTIN                  | 00785901762416                       |
| Nbr. of units in pkg. | 1                                    |
| Package weight(Lbs)   | 1.3100000000000001                   |
| Returnability         | Y                                    |
| Country of origin     | CN                                   |

## Offer Sustainability

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                              |
| RoHS (date code: YYWW)           | Compliant - since 1623 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                                                                  |
| Product environmental profile    | Available                                                                                                                          |
| Product end of life instructions | Available                                                                                                                          |
| California proposition 65        | WARNING: This product can expose you to chemicals including:                                                                       |
| - - - - - Substance 1            | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.   |
| - - - - - More information       | 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