



Product availability: Stock - Normally stocked in distribution facility

Price\*: 3414.00 USD



### Main

|                           |                                     |
|---------------------------|-------------------------------------|
| Commercial Status         | Commercialised                      |
| Range of product          | Modicon Quantum automation platform |
| Product or component type | High-speed counter module           |
| Number of channels        | 5                                   |

### Complementary

|                                    |                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Number of inputs                   | 8                                                                                                         |
| Addressing requirement             | 12 input words<br>12 output words                                                                         |
| Data format                        | 65535 dec 16 bits<br>2147483647 dec 32 bits                                                               |
| Counting input voltage             | 30 V DC max                                                                                               |
| Counting input current             | 7 mA                                                                                                      |
| Counting input type                | Discrete incremental counter                                                                              |
| Counting frequency                 | 100000 Hz                                                                                                 |
| Duty cycle                         | 1/1 counter input                                                                                         |
| Discrete input current             | 5 mA                                                                                                      |
| Operating threshold                | 3...5 V single ended mode 24 V REF DC at state off<br>15...30 V single ended mode 24 V REF DC at state on |
| Discrete output number             | 8                                                                                                         |
| Discrete output type               | Field Effect Transistor (FET)                                                                             |
| Discrete output voltage            | 20...30 V switch on DC<br>0 V switch off DC                                                               |
| Load current                       | 0.21 A                                                                                                    |
| Leakage current                    | <= 0.1 mA state off                                                                                       |
| Voltage drop                       | 1.25 V state on                                                                                           |
| Isolation between channels and bus | 500 Vrms for 60 s                                                                                         |
| Fault type                         | Loss of output field power                                                                                |
| Output short-circuit protection    | Internal                                                                                                  |
| Power dissipation                  | >= 6 W                                                                                                    |
| Bus current requirement            | 250 mA                                                                                                    |
| External power requirement         | 19.2...30 V                                                                                               |

|                     |                                          |
|---------------------|------------------------------------------|
| Rack type           | Distributed<br>Local<br>Remote           |
| Local signalling    | 5 LEDs channel status                    |
| Marking             | CE                                       |
| Current consumption | <= 1140 mA 24 V DC external power supply |
| Module format       | Standard                                 |

## 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  | 9.14 V/yd (10 V/m) 80...1000 MHz conforming to IEC 801-3                                |
| Ambient air temperature for operation | 32...140 °F (0...60 °C)                                                                 |
| Ambient air temperature for storage   | -40...185 °F (-40...85 °C)                                                              |
| Relative humidity                     | 95 % without condensation                                                               |
| Operating altitude                    | <= 16404.2 ft (5000 m)                                                                  |
| Standards                             | UL 508                                                                                  |
| Product certifications                | ABS<br>CSA Class 1 Division 2<br>C-Tick<br>DNV<br>GL<br>GOST<br>LR<br>RINA<br>RRS<br>UL |

## Ordering and shipping details

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Category              | 18155 - QUANTUM I/O & POWER SUPPLIES              |
| Discount Schedule     | PC21                                              |
| GTIN                  | 00785901324676                                    |
| Nbr. of units in pkg. | 1                                                 |
| Package weight(Lbs)   | 1.15                                              |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y                                                 |
| Country of origin     | FR                                                |

## Offer Sustainability

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                 |
| RoHS                             | Compliant - since 0926 - <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 Profile</a>                      |
| Product end of life instructions | Need no specific recycling operations                                                 |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|