



### Main

|                           |                                     |
|---------------------------|-------------------------------------|
| Range of product          | Modicon Quantum automation platform |
| Product or component type | AC discrete output modules          |
| Discrete output number    | 16                                  |

### Complementary

|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| Group of channels       | 4 groups of 4 channels                                                                                     |
| Supply frequency        | 47...63 Hz                                                                                                 |
| Voltage drop            | 1.5 V                                                                                                      |
| Discrete output voltage | 20...56 V AC                                                                                               |
| Addressing requirement  | 1 output word                                                                                              |
| Absolute maximum output | 100 Vrms 1 cycle AC<br>63 Vrmsfor 10 s AC<br>111 Vrmsfor 1.3 s AC                                          |
| Maximum load current    | 4 A rms 20...56 V per output<br>16 A rms per module<br>4 A rms per group                                   |
| Surge current           | <= 25 A during 2 cycles per group<br><= 30 A during 3 cycles per group<br><= 45 A during 1 cycle per group |
| DV/Dt                   | 400 V/ms                                                                                                   |
| Response time           | <= 0.5 ms at state 0 to state 1<br><= 0.5 ms at state 1 to state 0                                         |
| Fault indication        | Loss of field power<br>Blown fuse                                                                          |
| Protection type         | Internal output protection by 5 A fuse<br>Internal by RC filter                                            |
| Power dissipation       | 1.85 + (1.1 V x total module load current)                                                                 |
| Marking                 | CE                                                                                                         |
| Local signalling        | 1 LED green bus communication is present (Active)                                                          |

|                         |                                                                     |
|-------------------------|---------------------------------------------------------------------|
|                         | 1 LED red external fault detected (F)<br>16 LEDs green input status |
| Bus current requirement | 350 mA                                                              |
| Module format           | Standard                                                            |
| Product weight          | 0.99 lb(US) (0.45 kg)                                               |

## Environment

|                                       |                                                                                                                                                                                                                                                                                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product certifications                | FM Class 1 Division 2<br>CUL                                                                                                                                                                                                                                                                                |
| Standards                             | CSA C22.2 No 142<br>UL 508                                                                                                                                                                                                                                                                                  |
| Electromagnetic compatibility         | Electrostatic discharge immunity test (test level:4 kV, contact discharge) conforming to IEC 801-2<br>Electrostatic discharge immunity test (test level:8 kV, air discharge) conforming to IEC 801-2<br>Susceptibility to electromagnetic fields (test level: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)                                                                                                                                                                                                                                                                                      |

## Ordering and shipping details

|                       |                                      |
|-----------------------|--------------------------------------|
| Category              | 18155 - QUANTUM I/O & POWER SUPPLIES |
| Discount Schedule     | PC21                                 |
| GTIN                  | 00785901163732                       |
| Nbr. of units in pkg. | 1                                    |
| Package weight(Lbs)   | 2.21                                 |
| Returnability         | N                                    |
| Country of origin     | FR                                   |

## Offer Sustainability

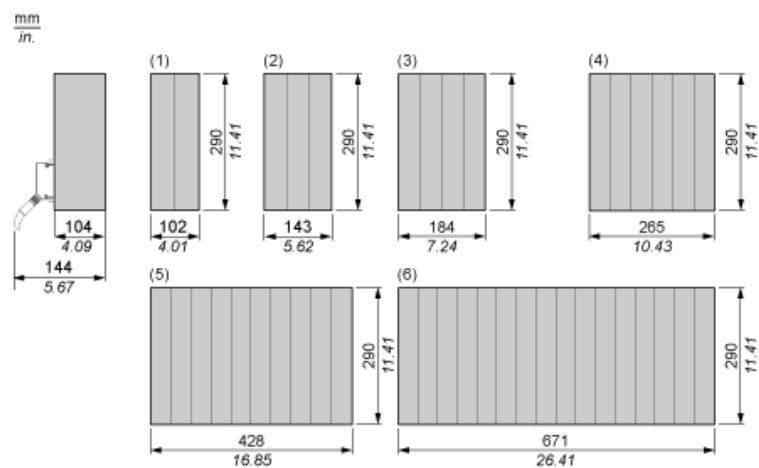
|                                  |                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                                                                                                     |
| RoHS (date code: YYWW)           | Compliant - since 1005 - 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                                                                                                                                                                                                                 |
| Product end of life instructions | Available                                                                                                                                                                                                                 |

## Contractual warranty

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

## Racks for Modules Mounting

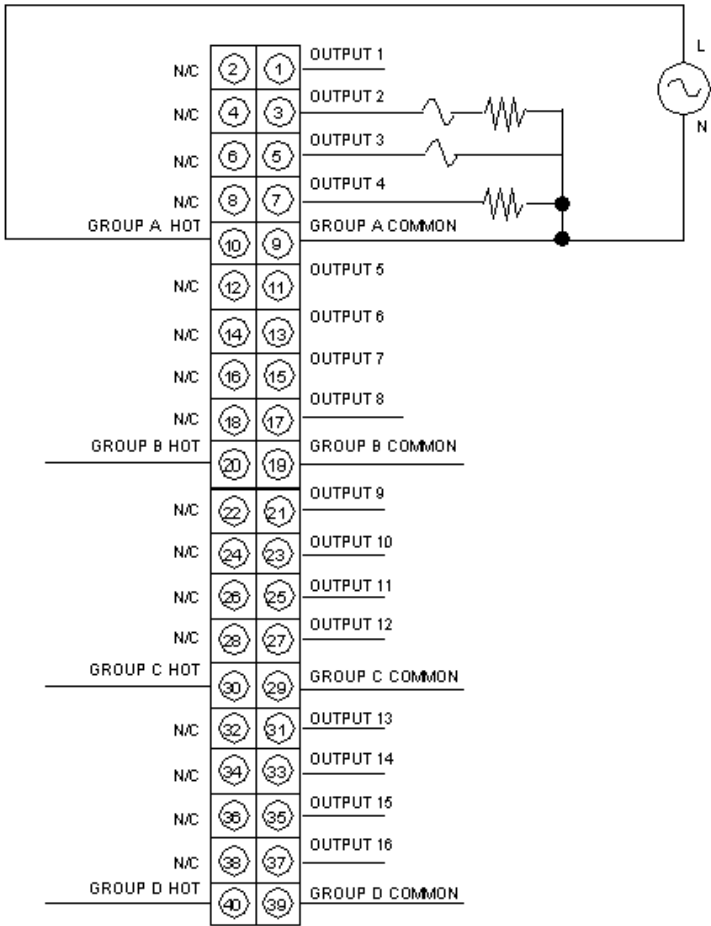
### Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

24...48 Vac Discrete Output Module

Wiring Diagram



N/C Not Connected