



## Main

|                           |                                     |
|---------------------------|-------------------------------------|
| Range of product          | Modicon Quantum automation platform |
| Product or component type | Dc discrete output module           |
| Discrete output number    | 12                                  |

## Complementary

|                                    |  |
|------------------------------------|--|
| Group of channels                  | 2 groups of 6  |
| Discrete output logic              | Negative logic (sink)  |
| Addressing requirement             | 1 input word<br>1 output word  |
| Discrete output voltage            | 24...125 V DC  |
| Output voltage limits              | 19.2...156.2 V   |
| Maximum load current               | <= 6 A at 0...60 °C per module<br><= 3 A at 0...60 °C each group<br><= 0.75 A at < 40 °C each point                      |
| Surge current                      | <= 4 A for 1 ms  |
| Response time                      | 1 ms at state 1 to state 0<br>1 ms at state 0 to state 1   |
| Short-circuit protection           | With   |
| Output overvoltage protection      | By varistor per group  |
| Load inductance                    | No limit (protected by diode)  |
| Tungsten load                      | 8 W 24 V<br>46 W 130 V<br>41 W 115 V   |
| Switching frequency                | <= 50 Hz   |
| Fault indication                   | Overcurrent  |
| Isolation between channels and bus | 2500 Vrms DC for 1 minute  |
| Isolation between group            | 1200 Vrms DC for 1 minute  |
| Protection type                    | Internal output protection by 4 A fuse   |
| Power dissipation                  | 1 W + (0.77 x all points on)   |
| Marking                            | CE   |
| Local signalling                   | 16 LEDs green input status<br>1 LED red external fault detected (F)<br>1 LED green bus communication is present (Active) |
| Bus current requirement            | 650 mA 12 outputs at state 1<br>375 mA 6 outputs at state 1  |
| Module format                      | Standard   |
| Product weight                     | 0.45 kg  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | C-Tick<br>FM Class 1 Division 2<br>GOST<br>RMRS                             |
| Standards                             | CSA C22.2 No 142<br>UL 508  |
| 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  | 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   |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0834 - <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</a>                              |
| Product end of life instructions | Need no specific recycling operations   |

## Racks for Modules Mounting

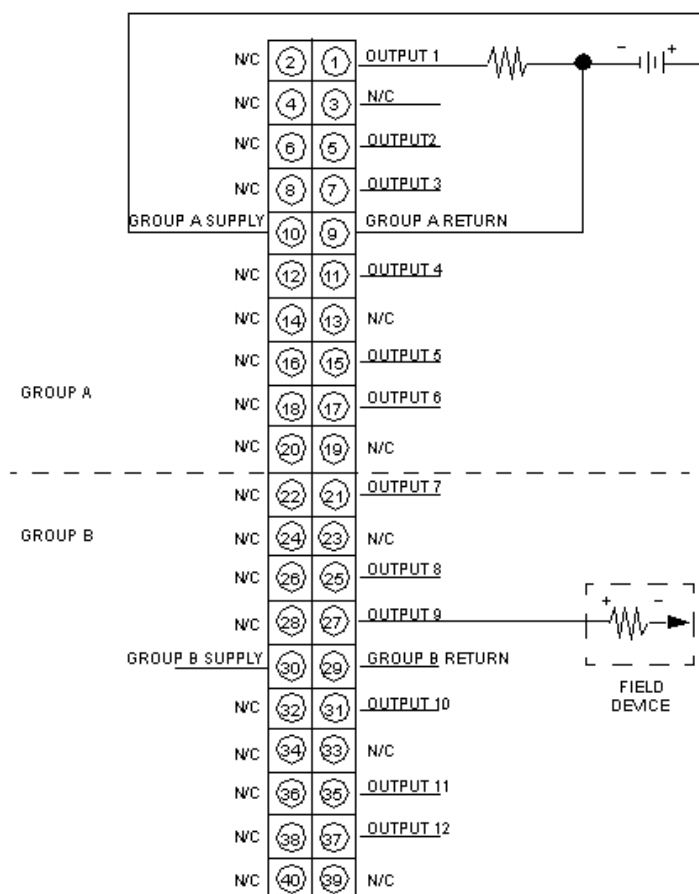
### Dimensions of Modules and Racks



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

## 24...125 Vdc Discrete Output Source Module

### Wiring Diagram



N/C Not Connected