



### Main

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

### Complementary

Discrete output type	Isolated
Group of channels	16 groups of 1 channel
Supply frequency	47...63 Hz
Maximum voltage drop	1.5 V
Discrete output voltage	20...253 V AC
Addressing requirement	1 output word
Absolute maximum output	300 Vrms 10 s AC 400 Vrms 1 cycle AC
Maximum load current	1 mA rms 24 Vrms off state leakage per output 1 mA rms 48 Vrms off state leakage per output 2 mA rms 115 Vrms off state leakage per output 2.5 mA rms 230 Vrms off state leakage per output 3 A rms 200...230 V per output 4 A rms 24...115 V per output 4 A rms sum of four points, continuous 16 A per module
Surge current	10 A during 3 cycles per point 20 A during 2 cycles per point 30 A during 1 cycle per point
DV/dt	400 V/ms
Response time	<= 0.5 ms at state 0 to state 1 <= 0.5 ms at state 1 to state 0
Protection type	Internal by RC filter
Power dissipation	1.85 + (1.1 V x total module load current)
Associated fuse rating	5 A
Marking	CE
Local signalling	Bus communication is present (Active) 1 LED green) External fault detected (F) 1 LED red) Input status 16 LEDs green)
Bus current requirement	350 mA
Module format	Standard
Net Weight	1.07 lb(US) (0.485 kg)

## Environment

Protective treatment	Conformal coating Humiseal 1A33
Product certifications	FM Class 1 Division 2 CUL
Standards	UL 508 CSA C22.2 No 142
Electromagnetic compatibility	Electrostatic discharge immunity test 4 kV contact discharge) IEC 801-2 Electrostatic discharge immunity test 8 kV air discharge) IEC 801-2 Susceptibility to electromagnetic fields 10 V/m 80...1000 MHz) 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	00785901507024
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21 lb(US) (1.00 kg)
Returnability	No
Country of origin	CN

## Packing Units

Package 1 Height	2.17 in (55.000 mm)
Package 1 width	6.30 in (160.000 mm)
Package 1 Length	12.40 in (315.000 mm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	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. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

Warranty	18 months
----------	-----------

Racks for Modules Mounting

Dimensions of Modules and Racks

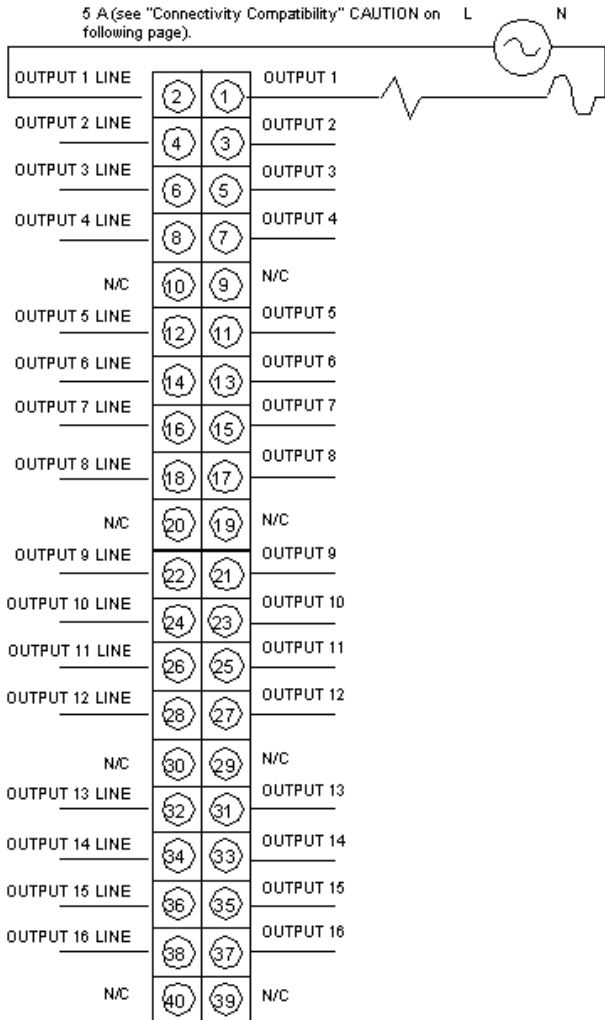


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

24...230 Vac Discrete Output Module

Wiring Diagram

5 A (see "Connectivity Compatibility" CAUTION on L following page).



N/C Not Connected