



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
Voltage drop	1.5 V
Discrete output voltage	20...253 V AC
Addressing requirement	1 output word
Absolute maximum output	400 Vrms 1 cycle AC 300 Vrms for 10 s AC
Maximum load current	16 A per module 4 A rms sum of four points, continuous 4 A rms 24...115 V per output 3 A rms 200...230 V per output 2.5 mA rms 230 Vrms off state leakage per output 2 mA rms 115 Vrms off state leakage per output 1 mA rms 48 Vrms off state leakage per output 1 mA rms 24 Vrms off state leakage per output
Surge current	<= 30 A during 1 cycle per point <= 20 A during 2 cycles per point <= 10 A during 3 cycles per point
DV/Dt	400 V/ms
Response time	<= 0.5 ms at state 1 to state 0 <= 0.5 ms at state 0 to state 1
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	16 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Bus current requirement	350 mA
Module format	Standard
Product weight	0.485 kg

Environment

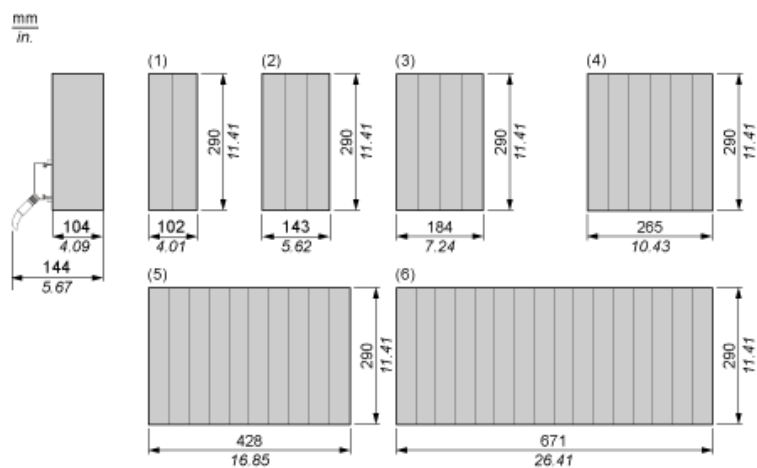
Protective treatment	Conformal coating Humiseal 1A33
Product certifications	CUL FM Class 1 Division 2
Standards	CSA C22.2 No 142 UL 508
Electromagnetic compatibility	Susceptibility to electromagnetic fields (test level:10 V/m, 80...1000 MHz) conforming to IEC 801-3 Electrostatic discharge immunity test (test level:8 kV, air discharge) conforming to IEC 801-2 Electrostatic discharge immunity test (test level:4 kV, contact discharge) conforming to IEC 801-2
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 0936 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Racks for Modules Mounting

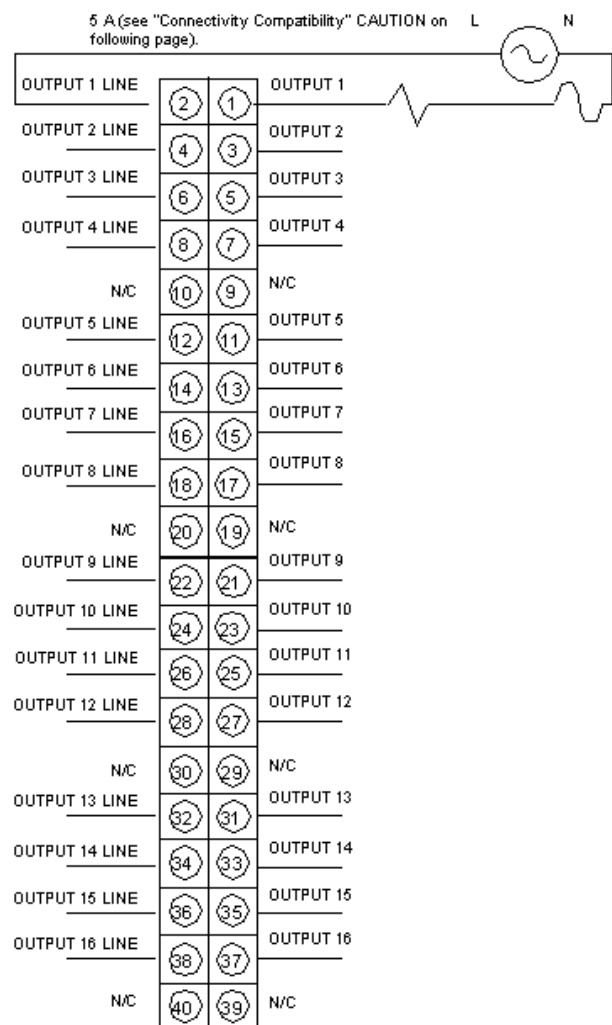
Dimensions of Modules and Racks



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

24...230 Vac Discrete Output Module

Wiring Diagram



N/C Not Connected