



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	300 Vrms for 10 s AC 400 Vrms 1 cycle AC
Maximum load current	16 A per module 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
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	1 LED green bus communication is present (Active) 1 LED red external fault detected (F) 16 LEDs green input status
Bus current requirement	350 mA
Module format	Standard
Product weight	1.07 lb(US) (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	Electrostatic discharge immunity test (test level: 4 kV, contact discharge) conforming

	to IEC 801-2 Electrostatic discharge immunity test (test level:8 kV, air discharge) conforming to IEC 801-2 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)

Offer Sustainability

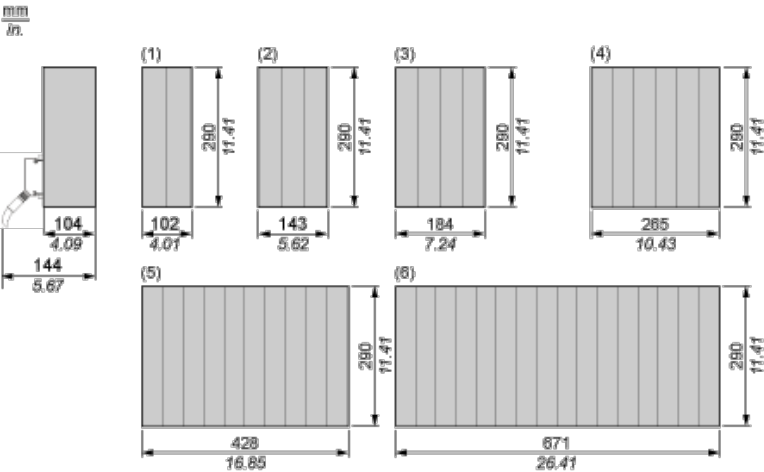
Green Premium product	Green Premium product
Compliant - since 0936 - Schneider Electric declaration of conformity	Compliant - since 0936 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available
WARNING: This product can expose you to chemicals including:	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.	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 www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

Dimensions of Modules and Racks

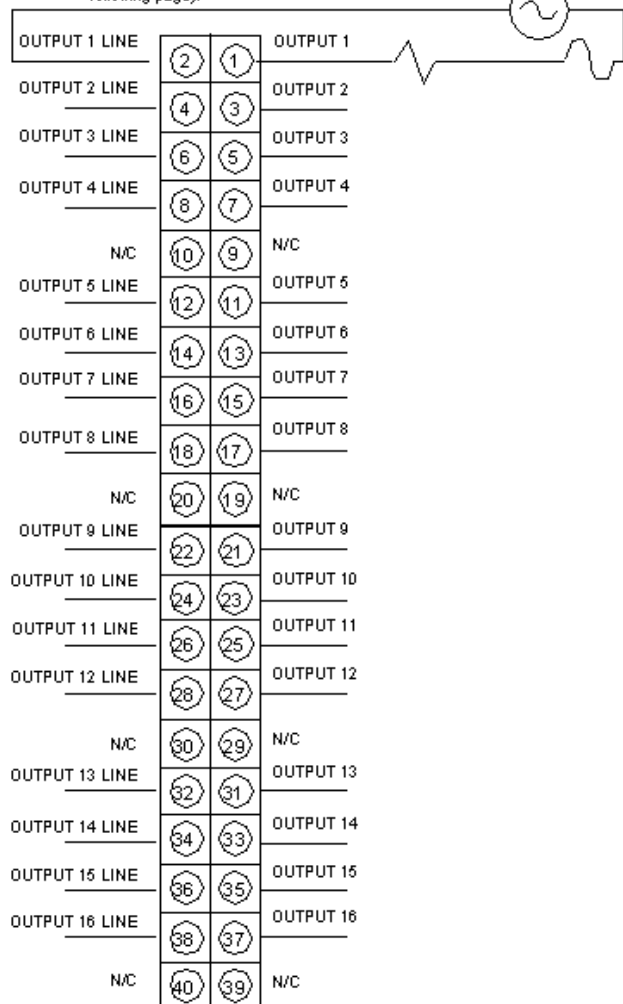


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

24...230 Vac Discrete Output Module

Wiring Diagram

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



N/C Not Connected