



### 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
Minimum load	5 A
Minimum load current	4 A rms 24...115 V per output 3 A rms 200...230 V per output 4 A rms four contiguous output 2.5 mA rms 230 Vrms off state leakage per output 2 mA rms 115 Vrms off state leakage per output 16 A rms per module 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

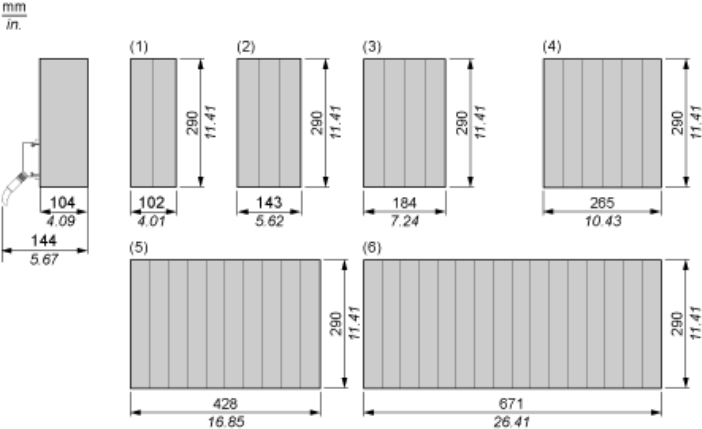
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## Environment

Protective treatment	Conformal coating Humiseal 1A33
Product certifications	CUL FM Class 1 Division 2
Standards	CSA 22-2 No 142 UL 508
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...1000 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

Racks for Modules Mounting

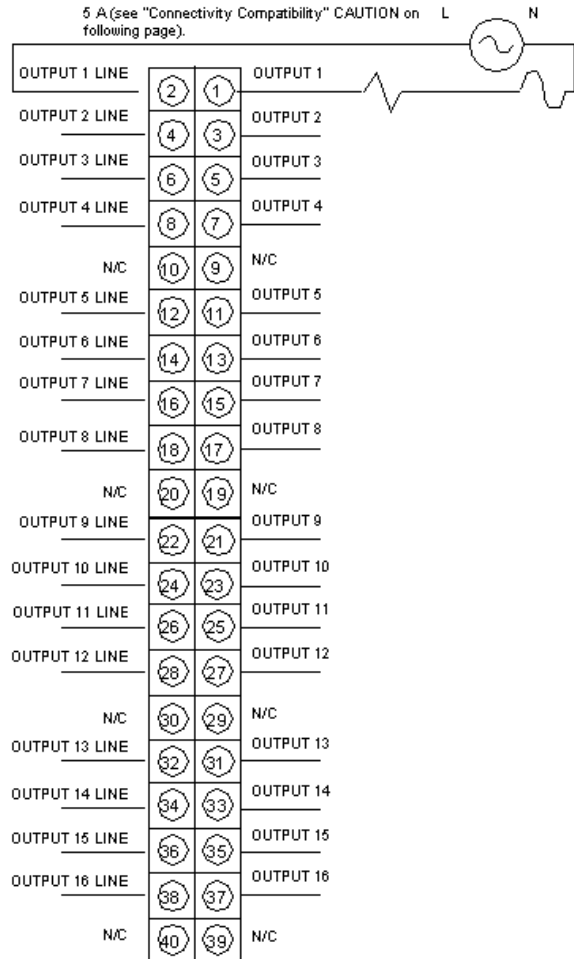
Dimensions of Modules and Racks



- (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