



Main

Range of product	Modicon Quantum automation platform
Product or component type	AC discrete output modules
Discrete output number	32

Complementary

Group of channels	4 groups of 8 channels
Supply frequency	47...63 Hz
Voltage drop	1.5 V
Discrete output voltage	20...253 V AC
Addressing requirement	2 output words
Absolute maximum output	400 Vrms 1 cycle AC 300 Vrms for 10 s AC
Maximum load current	1 A rms 20...253 V per output 0.88 mA 230 V off state leakage per output 4 A rms per group 16 A rms per module
Surge current	≤ 2.5 A during 1 ms
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 Internal output protection by 4 A fuse
Power dissipation	$1.60 + (1.0 \text{ V} \times \text{total module load current})$
Marking	CE
Local signalling	32 LEDs green input status 1 LED red external fault detected (F) 1 LED green bus communication is present (Active)
Bus current requirement	320 mA
Module format	Standard
Product weight	0.45 kg

Environment

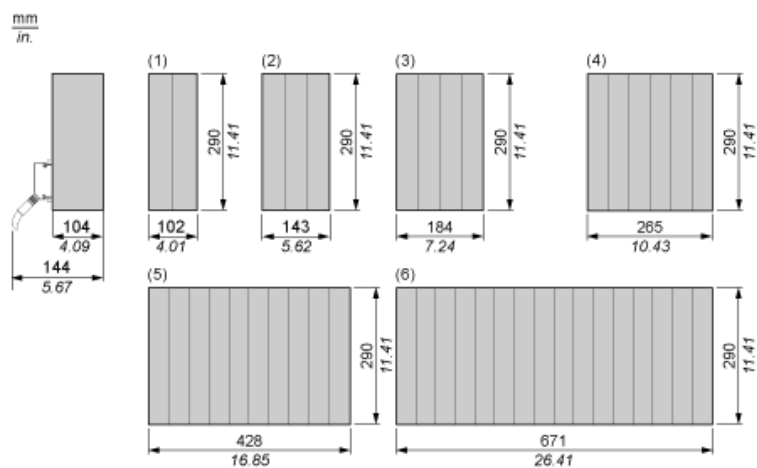
Product certifications	CUL FM Class 1 Division 2
Standards	CSA C22.2 No 142 UL 508
Electromagnetic compatibility	Susceptibility to electromagnetic fields (test level:10 V/m, 80...1000 MHz) conforming to IEC 801-3 Electrostatic discharge immunity test (test level:8 kV, air discharge) conforming to IEC 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 0922 - 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

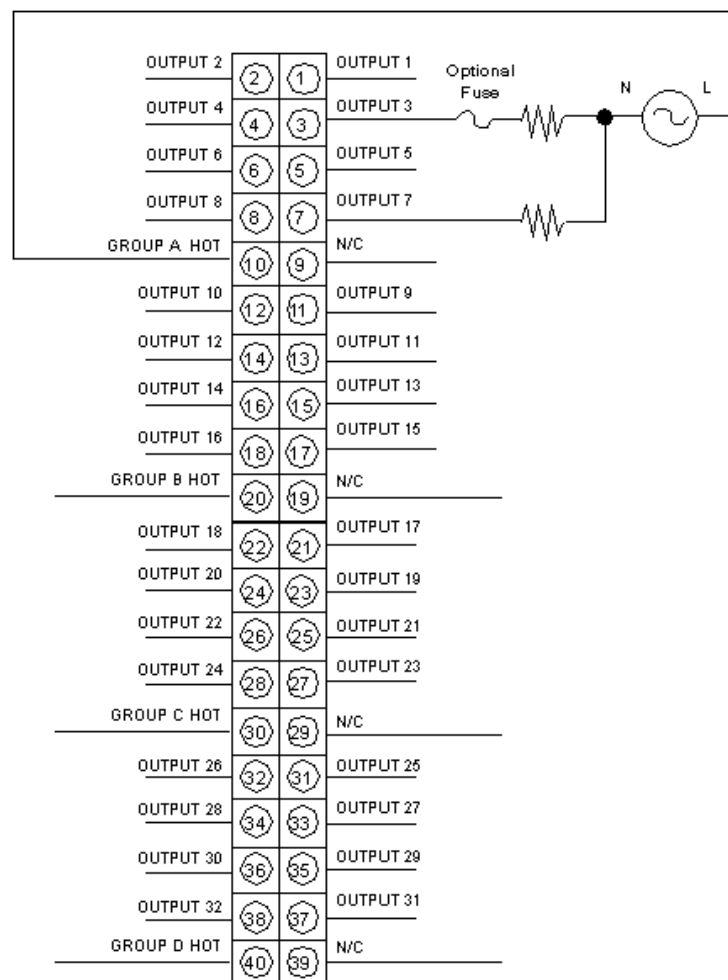
Dimensions of Modules and Racks



- (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