



### 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...132 V AC
Addressing requirement	1 output word
Absolute maximum output	156 V for 10 s AC 200 V during one cycle AC
Maximum load current	4 A rms sum of four points, continuous 4 A rms 20...132 V each point 1 mA rms 24 V off state leakage/points 1 mA rms 48 V off state leakage/points 16 A rms per module 2 mA rms 115 V off state leakage/points
Surge current	<= 20 A during 2 cycles per point <= 30 A during 1 cycle per point <= 30 A during 3 cycles 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)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

1 LED red external fault detected (F)  
16 LEDs green input status

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	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	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

## Offer Sustainability

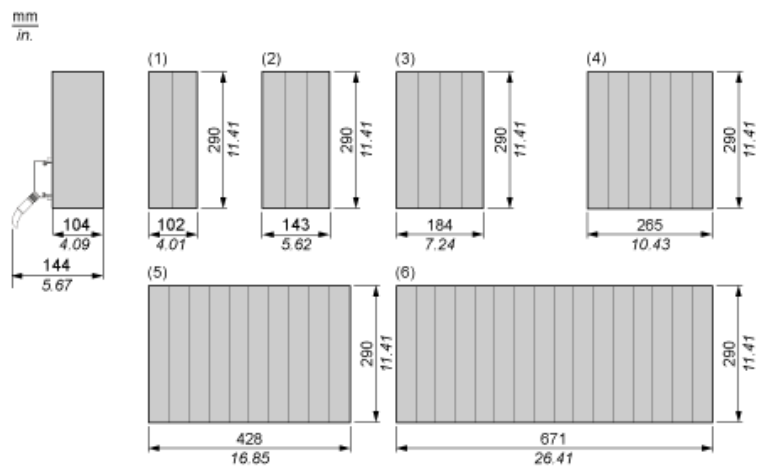
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">End of life manual</a>
Product end of life instructions	Available

## Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

Dimensions of Modules and Racks

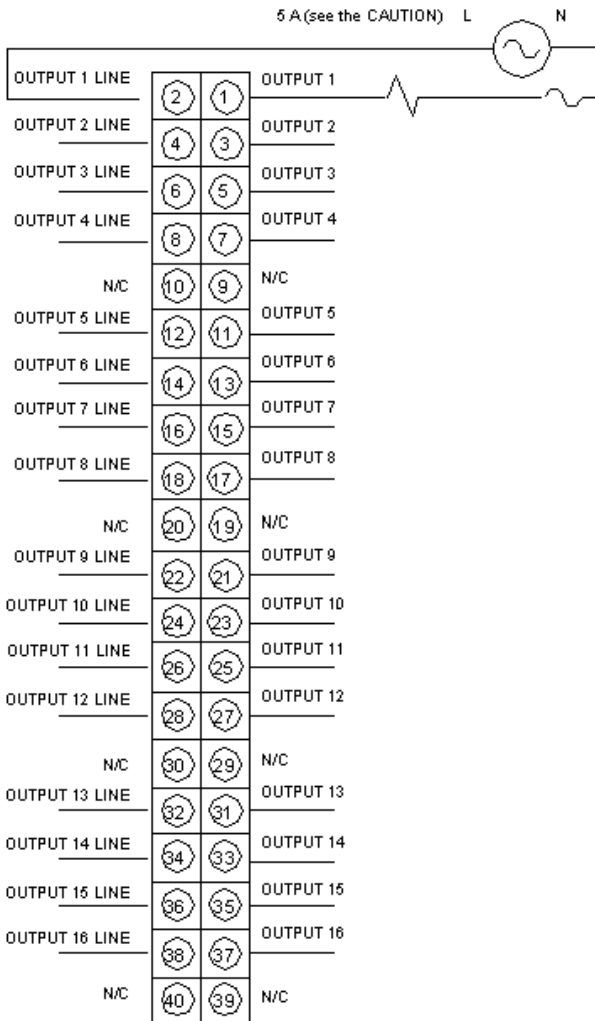


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

140DAO84010C

24...115 Vac Discrete Output Module

Wiring Diagram



N/C Not Connected