



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

Product certifications	CUL FM Class 1 Division 2
Standards	UL 508 CSA C22.2 No 142
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

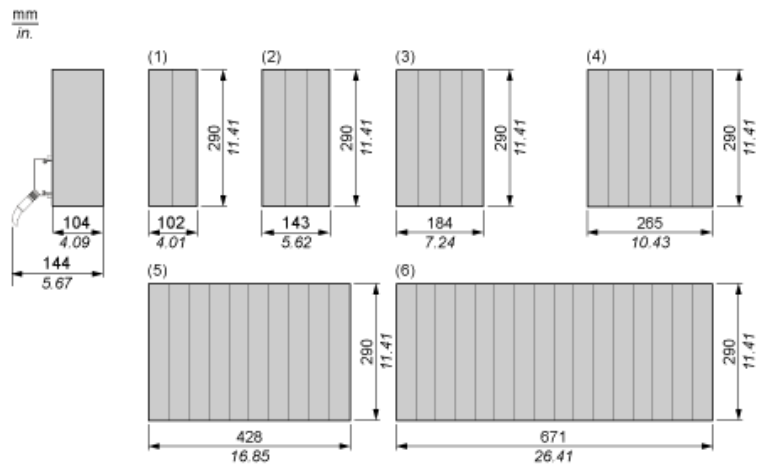
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available End of Life Information
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

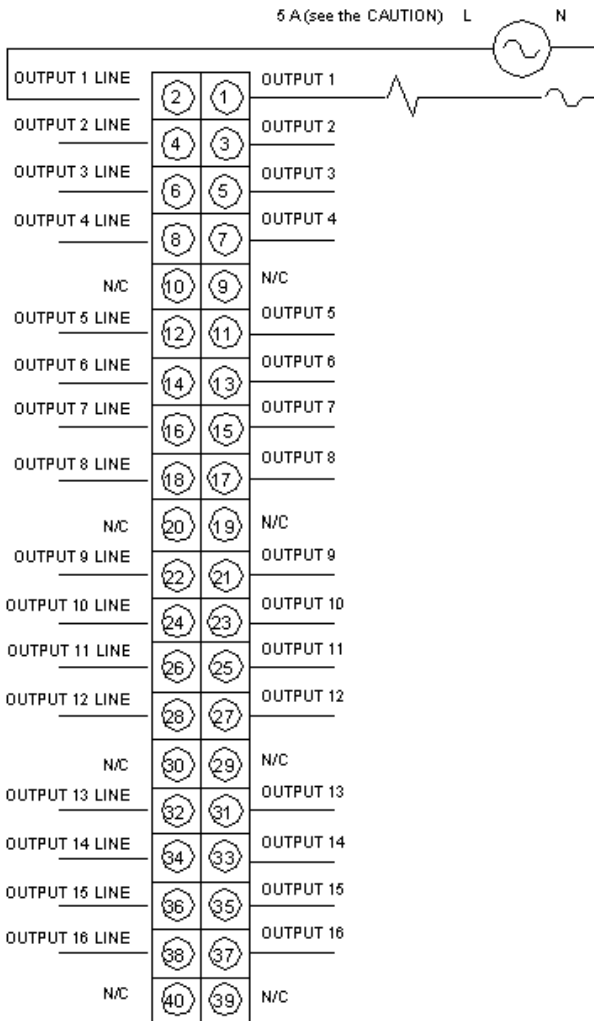
Dimensions of Modules and Racks



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

24...115 Vac Discrete Output Module

Wiring Diagram



N/C Not Connected

140DAO84010 is replaced by:



Standard environment BMXDAO1605

discrete output module M340 - 16 outputs - triac - 100...240 V AC

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2021 | Not same dimensions/design - no equivalent 24-115VAC channel isolated output