

140ACO13000

analog output module Modicon Quantum - 8 O multirange

Product availability : Stock - Normally stocked in distribution facility



Commercial status

To be discontinued on: 31 December 2022

To be end-of-service on: 31 December 2030

! To be discontinued

Main

Range of product	Modicon Quantum automation platform
Product or component type	Analogue output module

Complementary

Analogue output number	8
Addressing requirement	8 output words
Loop voltage	6...30 V DC
Maximum voltage drop	<30 V 25 mA
Analogue output range	0...20 mA 0...20000 counts 0...25 mA 0...25000 counts 4...20 mA 0...16000 counts 4...20 mA 0...4095 counts
Absolute accuracy error	+/- 0.2 % of full scale 77 °F (25 °C)
Linearity	+/- 12 µA 4...20 mA 0...4095 counts +/- 4 µA 0...20 mA 0...20000 counts +/- 4 µA 0...25 mA 0...25000 counts +/- 4 µA 4...20 mA 0...16000 counts
Accuracy drift according to temperature	0.004 % of full scale/°C typical 0.007 % of full scale/°C maximum
Isolation between channels and bus	1780 V for 1 minute AC
Update time	5 ms
Setting time	3.2 ms to +/-0.1% of the final value 1.6 ms to 5% of the final value
Fault type	Open circuit 4...20 mA
Bus current requirement	550 mA
Maximum power dissipation in W	5 W
External power requirement	6...30 V
Marking	CE
Local signalling	for bus communication is present (Active) 1 LED (green)

for external fault 1 LED (red)
for channel is turned on 8 LEDs (green)
for channel fault 8 LEDs (red)

Module format	Standard
Net Weight	0.66 lb(US) (0.3 kg)

Environment

Product certifications	CUL FM Class 1 Division 2
Standards	UL 508 CSA C22.2 No 142
Resistance to electromagnetic fields	9.14 V/m (10 V/m) 80...2000 MHz 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)

Ordering and shipping details

Category	18155 - QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	00785901327004
Nbr. of units in pkg.	1
Package weight(Lbs)	1.04 lb(US) (0.47 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.97 in (5 cm)
Package 1 width	6.50 in (16.5 cm)
Package 1 Length	12.60 in (32 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Weight	8.20 lb(US) (3.72 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

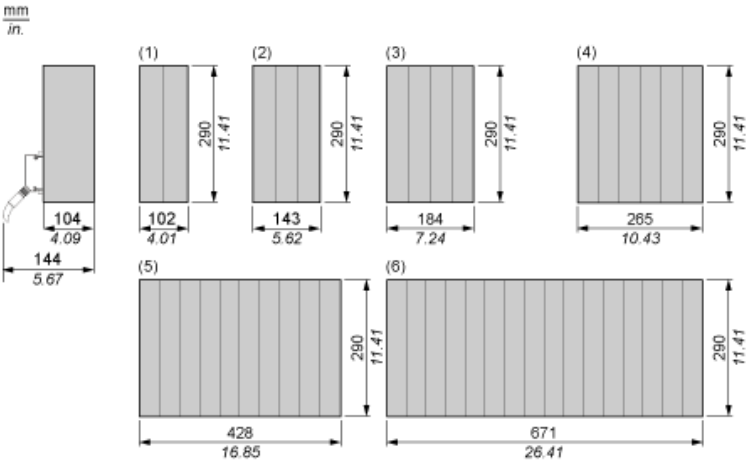
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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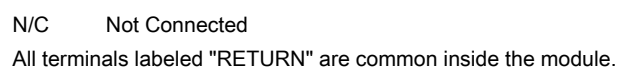
Racks for Modules Mounting

Dimensions of Modules and Racks



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

Wiring Diagram



140ACO13000 may be replaced by any of the following products:



Replacement product is not a drop in replacement, contact local sales team for more information



I/O modules BMXAMO0802

analog output module X80 - 8 outputs

Qty 1

Linking to group 1
