Product data sheet Characteristics

140ACO13000

analog output module Modicon Quantum - 8 O multirange



Main

Modicon Quantum automation platform
Analogue output module
8
020 mA 020000 counts 025 mA 025000 counts 420 mA 016000 counts 420 mA 04095 counts

Complementary

Addressing requirement	8 output words	
Loop voltage	630 V DC	
Voltage drop	630 V 25 mA	
Absolute accuracy error	+/- 0.2 % of full scale 25 °C	
Linearity	+/- 12 μA 420 mA 04095 counts +/- 4 μA 020 mA 020000 counts +/- 4 μA 420 mA 016000 counts +/- 4 μA 025 mA 025000 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	1.6 ms to 5% of the final value 3.2 ms to +/-0.1% of the final value	
Fault type	Open circuit 420 mA	
Bus current requirement	550 mA	
Power dissipation in W	5 W	
External power requirement	630 V	
Marking	CE	
Local signalling	LED green bus communication is present (Active) LED red external fault LEDs green channel is turned on LEDs red channel fault	
Module format	Standard	
Product weight	0,3 kg	
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Environment

Product certifications	FM Class 1 Division 2 CUL	
Standards	CSA 22-2 No 142 UL 508	
Resistance to electromagnetic fields	10 V/m 802000 MHz IEC 801-3	
Ambient air temperature for operation	060 °C	
Ambient air temperature for storage	-4085 °C	
Relative humidity	95 % without condensation	
Operating altitude	≤ 5000 m	
RoHS EUR conformity date	0846	
RoHS EUR status	Compliant	

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