



Main

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

Complementary

Analogue output number	4
Addressing requirement	4 output words
Analogue output range	0...5 V \geq 500 Ohm unipolar voltage 0...10 V \geq 1000 Ohm unipolar voltage +/- 5 V \geq 500 Ohm bipolar voltage +/- 10 V \geq 1000 Ohm bipolar voltage
Analogue output resolution	12 bits
Analogue output current	-10...10 mA
Source resistance	0.1 Ohm
Cable length	\leq 400 m
Absolute accuracy error	+/- 0.15 % of full scale at 25 °C
Linearity	+/- 1 LSB
Accuracy drift according to temperature	0.007 % of full scale/°C maximum bipolar 0.005 % of full scale/°C maximum unipolar 0.004 % of full scale/°C bipolar 0.003 % of full scale/°C unipolar
Isolation between channels	500 V for 1 minute 47...63 Hz AC
Isolation between channels and bus	780 V for 1 minute AC
Update time	3 ms
Setting time	700 μ s to +/- 0.1 % of the final value maximum
Bus current requirement	700 mA
Power dissipation in W	\leq 4.5 W
Associated fuse rating	0.063 mA 3 AG fast blow 250 V
Marking	CE
Local signalling	4 LEDs red channel fault 4 LEDs green channel is turned on 1 LED red external fault 1 LED green bus communication is present (Active)
Module format	Standard
Product weight	0.3 kg

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Environment

Product certifications	CUL FM Class 1 Division 2
Standards	CSA C22.2 No 142 UL 508
Resistance to electromagnetic fields	10 V/m 80...2000 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 1012 - 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

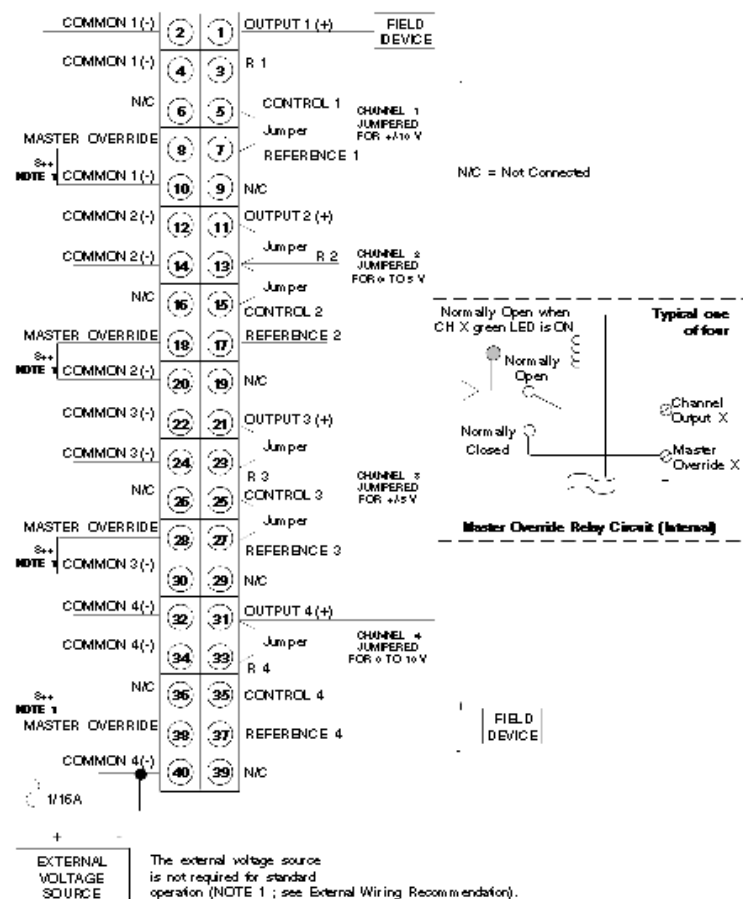
Dimensions of Modules and Racks



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

Analog Output 4-Channel Voltage Module

Wiring Diagram



N/C Not Connected

External Wiring Recommendation

1. Master override is an input connected via an internal relay contact to the output when the module is not active. If connected to an external source, the master override input must be fused by a 1/16 A fuse.
2. If the master override is not connected to an external source, then it must be connected to common of that channel. The master override relay transition time is typically 2 ms.
3. The master override inputs must be from an external supply with a source impedance of $<200 \Omega$ or tied to system common. These inputs for channels that are in use should not be allowed to float and may be unique for each.