

500-AOM5

High-Speed Analog Output Module

PART NUMBER

SPEC-AOM5

Analog Output:

Channel Capacity:	4 single ended, referenced to chassis
Output Ranges:	±10V, ±5V, ±2V, ±1V (programmable)
Resolution:	13-bits (12 data plus a polarity bit)
Channel Settling Time:	5 μs (max) to (0.01% ±1LSB) for any size step
Output Impedance:	<1 Ω
Load Characteristics:	2 kΩ min., 100pf max., short circuit protected
Nonlinearity:	±1 LSB
Accuracy**:	±10V, ±(0.15% +5mV); Other Ranges, ±(0.2% +4mV)
Temperature Coefficient:*	±0.0025% / °C

- * Using +10V reference of AMM card.
- † For 0°C to 70°C over life of the Product.

General:

Signal Connection:	Quick Disconnect screw terminal block
Power-up State:	0V in ±10V range, all channels
Power Consumption:	+5V @ 200mA, ±15V @ 60 mA
Humidity:	80% RH (non-condensing) to 35 °C
Operating Temperature:	0 °C - 70 °C
Storage Temperature:	-25 °C to +85 °C

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