



Copley Controls - DC Servo Amplifiers

4212D



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- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer



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One Year
Warranty

The **4212D** is a part of the **DC Servo Amplifiers Series** by **Copley Controls**.

Specifications

Bandwidth:	3 kHz with 200 μ H load at max supply	Case Size:	109 x 76.2 x 25.4 mm	Continuous Current:	6 A at 120 V
Input Differential Amp Gain:	1:1	Load Inductance Range:	200 μ H to 40 mH	Logic Input Voltage Range:	0 to 24 V
Logic Threshold Voltage:	2.5 V	Output Voltage:	$0.97 \times HV_{SPR}$ $0.1 \times I_o$ Short-circuit, overtemperature, UV<20 V, OV>129 V	Peak Current:	12 A at 120 V
Peak Time:	1 s (unipolar), 2 s after reversal	Protection:		PWM Switching Frequency:	25 kHz
PWM Transconductance Gain:	I_{peak} per 6 V	Reference Input Impedance:	94 k Ω	Reference Input Max Voltage:	20 V
Reference Input Type:	Differential	Storage Temperature Range:	-30 to 85 $^{\circ}$ C	Supply Voltage:	22 to 125 V DC
Weight:	0.2 kg	Last Verified:	05/23/2025 11:54 AM		

Contact Us

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Shipping Options



Payment Methods



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