



Copley Controls - DC Servo Amplifiers

421CE



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The **421CE** is a part of the **DC Servo Amplifiers Series** by **Copley Controls**.

Specifications

Amplifier Case Size:	3.28 x 5.09 x 1.43 in.	Continuous Current:	5A Selectable with components on header socket: 200 uH to 40mH	Continuous Power:	~5A @ ~170V
Dc Power Requirements:	24-180VDC	Load Inductance:	0 to 70 degrees C	Logic Inputs:	Input voltage range 0 to +24V
Logic Threshold Voltage:	2.5V (Schmitt trigger inputs with hysteresis)	Operating Temperature Range:	baseplate temperature ~10A @ ~170V for 1 second	Output Power:	~10A @ ~170V peak
Peak Current:	10A	Peak Power:	2.7 degrees C/W (no heatsink, no fan)	Pwm Switching Frequency:	25kHz
Reference Input:	Differential, 100K between inputs, ~20V maximum	Thermal Resistance:		Last Verified:	05/23/2025 8:42 PM

Contact Us

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Shipping Options



Payment Methods



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