

Copley Controls - DC Servo Amplifiers

5221



 [Request a Quote](#)

- Get a Quote in 5 minutes
- Parts ship in as little as 24 hours
- Up to half the cost of the manufacturer



Secure Online
Checkout



Free Ground
Shipping



One Year
Warranty

The **5221** is a part of the **DC Servo Amplifiers Series** by **Copley Controls**.

Specifications

Bandwidth:	Small signal -3dB @ 3kHz	Continuous Output:	10 A @ 173 V	Dimensions (with heatsink):	97 x 167 x 74 mm
Dimensions (without heatsink):	97 x 167 x 34.8 mm	Heatsink Weight:	1.0 lb (0.45 kg)	LED Indicators:	Normal (Green), Power OK (Green), Fault (Red)
Load Inductance:	200 µH to 40 mH (typical)	Logic Inputs:	Enable, POS enable, NEG enable, Brake, Reset (active-low)	Logic Outputs:	Fault, Normal (open-collector) current sinking
Peak Output:	20 A @ 171 V	Peak Time:	1 s at peak power, 2 s after polarity reversal	Protective Features:	Short-circuit, overtemp., undervoltage, overvoltage prot.
PWM Frequency:	25 kHz	Supply Voltage:	24 to 180 VDC	Temperature Range:	0 to 70 °C (baseplate)
Weight (without heatsink):	1.1 lb (0.48 kg)	Last Verified:	05/24/2025 11:11 AM		

Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

 Email: sales@automation-factory.com

Shipping Options



Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.