

Kollmorgen - BDS Industrial Servo Drives

BDS4A-203J-0401/104A2



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The **BDS4A-203J-0401/104A2** is a part of the **BDS Industrial Servo Drives Series** by Kollmorgen.

Specifications

Backward count limit: 30,000 counts

Control mode:

Digital position & velocity loops with feedforward

Diagnostics:

Error diagnostics, retains 20 errors post-power loss
Continuous, operator-defined, infinitely adjustable

Form factor (RMS/avg): ?1.01

Internal heat dissipation:

35 W

J command velocity:

Logic bus voltage (+ rail): +8VDC @1.0 A

Logic bus voltage (± rail): ±15VDC @0.25 A

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Main DC bus voltage:

Max output power (325 VDC bus): 1.2 kVA cont, 2.4 kVA peak

Motor current ripple frequency: 20.0 kHz ±10%

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Output current RMS/phase @45°C:

Position error threshold: ?32767 counts

PWM switching frequency:

10.0 kHz

Resolver excitation frequency:

130VDC
3 A cont, 6 A peak (2 s)


Self-tuning, low velocity offset, adjustable

Servo loop features: params

Last Verified:

08/15/2025
7:08 PM

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



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