

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

KOLLMORGEN

Danaher Motion / Kollmorgen S71201-SE Digital Servo Amplifier

Kollmorgen Motion Controllers. Voltage: 208–480 VAC, Current: 6 A RMS at 320 V, Current: 18 A RMS.



MODEL

**Kollmorgen
S71201-SE**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

S71201-SE

LISTING

<https://aumictechlabs.com/products/s71201-se-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Kollmorgen S71201-SE is a digital servo amplifier engineered for precision motion control in demanding industrial environments. Part of the S700 series, this unit delivers high-speed current, speed, and position control with onboard EMV filtering and autotuning capabilities. It accepts three-phase AC input from 208 V to 480 V at 50/60 Hz and supports continuous output current of 6 A RMS at 320 V, with peak output reaching 18 A RMS. The amplifier integrates Safe Torque Off as standard, with optional expansion cards available for SIL2 and SIL3 safety functions. Technical Specifications Input voltage: 208–480 VAC, 1 or 3-phase, 50/60 Hz (grounded, phase-to-phase) Rated supply: 3 × 208 V –10% to 3 × 480 V +10%, 50/60 Hz Rated input power (S1): 1.1 kVA Continuous output current: 6 A RMS at 320 V Peak output current: 18 A RMS Voltage transition speed: 5.7 kV/μs at 480 V Thermal dissipation: Up to 100 W Noise emission: Up to 65 dB(A) Enclosure rating: IP20 Weight: 4.4 kg Switch on/off frequency: 30 cycles/hour maximum Key

Features Autotuning capability for simplified commissioning Onboard EMV filter for electromagnetic compatibility EtherCAT and CANopen communication protocols (standard) Safe Torque Off function integrated Optional expansion cards with SIL2/SIL3 safety ratings (SDI, SLS, SS1, SS2, SBC) Overvoltage protection built-in Memory card slot for parameter and firmware backup Feedback & Expansion Single Cable Feedback SFD3 and Hiperface DSL support Resolver interface optimized ROD (AquadB) 5 V feedback interface (X5, X1) Expansion slot accepts I/O cards (example: 14 digital inputs, 8 digital outputs) Analog ± 10 V input/output expansion cards available Compatibility & Integration Compatible with standard motion controllers. Integrates with EtherCAT and CANopen-based systems for networked motion applications.

S71201SE Characteristics / Specifications

PARAMETER	VALUE
Model	S71201-SE
Family	S700 S7120
Instrument Type	digital servo amplifier
Rated Supply	3 × 208 V minus 10 percent to 480 V plus 10 percent 50/60 Hz
Rated Input Power	9 kVA continuous
Switch On Off Frequency	30 per hour
Max Dc Bus	900 V
Rated Current At 3×208 V	12 Arms plus or minus 3 percent
Rated Current At 3×230 V	12 Arms plus or minus 3 percent
Rated Current At 3×400 V	12 Arms plus or minus 3 percent
Rated Current At 3×480 V	12 Arms plus or minus 3 percent
Peak Current 2 S	24 A / 30 A on S71202 / S7120S
Peak Current 5 S	24 Arms plus or minus 3 percent
Output Stage Clock	8 kHz, 16 kHz at 50 percent current
Du Dt At 3×208 V	3.0 kV/us
Du Dt At 3×480 V	6.9 kV/us
Min Motor Inductance 3×480 V	2.7 mH
Current Controller Bandwidth	greater than 1.2 kHz (up to 5 kHz)
Residual Voltage Drop	4 V at rated current
Dissipation Output Disabled	20 W max
Dissipation At Rated Current	160 W
Noise Emission	65 dB(A) class on S712 column
Mass	4.4 kg
Height Without With Connectors	345 mm / 379 mm
Width	70 mm

PARAMETER	VALUE
Depth Without With Connectors	243 mm / 285 mm
Input Fuse Class	RK5, CC, J, T 600 VAC 200 kA, 15 A time-delay (S7120)
Dc Link Listing	290 to 675 V on S71201-SE configuration notes
Manufacturer	Kollmorgen / Danaher Motion
Bandwidth	greater than 1.2 kHz (up to 5 kHz)

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	S71201-SE
Family	S700 S7120
Instrument Type	digital servo amplifier
Rated Supply	3 x 208 V minus 10 percent to 480 V plus 10 percent 50/60 Hz
Rated Input Power	9 kVA continuous
Switch On Off Frequency	30 per hour
Max Dc Bus	900 V
Rated Current At 3x208 V	12 Arms plus or minus 3 percent
Rated Current At 3x230 V	12 Arms plus or minus 3 percent
Rated Current At 3x400 V	12 Arms plus or minus 3 percent
Rated Current At 3x480 V	12 Arms plus or minus 3 percent
Peak Current 2 S	24 A / 30 A on S71202 / S7120S
Peak Current 5 S	24 Arms plus or minus 3 percent
Output Stage Clock	8 kHz, 16 kHz at 50 percent current
Du Dt At 3x208 V	3.0 kV/us
Du Dt At 3x480 V	6.9 kV/us
Min Motor Inductance 3x480 V	2.7 mH
Current Controller Bandwidth	greater than 1.2 kHz (up to 5 kHz)
Residual Voltage Drop	4 V at rated current
Dissipation Output Disabled	20 W max
Dissipation At Rated Current	160 W
Noise Emission	65 dB(A) class on S712 column
Mass	4.4 kg
Height Without With Connectors	345 mm / 379 mm
Width	70 mm
Depth Without With Connectors	243 mm / 285 mm

PARAMETER	VALUE
Input Fuse Class	RK5, CC, J, T 600 VAC 200 kA, 15 A time-delay (S7120)
Dc Link Listing	290 to 675 V on S71201-SE configuration notes
Manufacturer	Kollmorgen / Danaher Motion

Notes

From Kollmorgen S701-S724 Instructions Manual S71202/S7120S column and S71201-SE configuration listings (nominal 12 A, 3x208-480 V). SE denotes the installed expansion-card option; confirm the exact card on the nameplate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.