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Data Sheet

August 13, 2026

KOLLMORGEN / SEIDEL

Kollmorgen / Seidel 60WKS-CE240/6PB Analog Servo Drive Amplifier

The Kollmorgen / Seidel 60WKS-CE240/6PB is an analog servo drive amplifier designed for precision motion control applications. This solid amplifier delivers 60W of power, ensuring reliable performance in demanding industrial environments. It features advanced control algorithms for smooth and accurate positioning, making it suitable for robotics, automation, and other high-performance servo systems. The 60WKS-CE240/6PB provides excellent stability and responsiveness, enhancing the overall efficiency and productivity of your machinery.



MODEL

**Kollmorgen /
Seidel 60WKS-
CE240/6PB**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**60WKS-
CE240/6PB**

LISTING

[https://aumictechlabs.c
om/products/60wks-ce
240-6pb-2/](https://aumictechlabs.com/products/60wks-ce240-6pb-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kollmorgen / Seidel 60WKS-CE240/6PB is an analog servo drive amplifier engineered to command brushless synchronous servo motors in precision motion control applications. It delivers 240W rated power with 6A continuous output current (4-quadrant operation) and 15A peak current capability over 5 seconds. The drive employs a 3-phase PWM transistor power stage with integrated PI-controllers for speed and current regulation, accepting RLG rotor-position and tachometer feedback.

feedback signals for trapezoidal commutation. Technical Specifications Rated Power Output: 240W Rated Output Current (4-Q, peak at standstill): 6A Peak Output Current (max 5 s): 15A Rated DC Input Voltage: 100-240V (320VDC also supported) Minimum Motor Inductance: 2.5 mH Dissipation at Rated Current: 45W (including PSU losses, ballast excluded) Power Supply: 3-phase AC via isolating transformer; 24V external auxiliary supply option available Cooling: Natural convection Compliance: EMC Directive 89/336/EEG; Low Voltage Directive 73/23/EEG Key Features Integrated PSU with smoothing capacitors and ballast circuit; ballast threshold rises to 300V for multi-axis power-sharing Differential setpoint inputs (2×); Setpoint 2 adjustable RLG encoder input and brushless/DC tach feedback compatibility Enable and limit-switch inputs integrated Rack-mountable design: up to 9 drive modules per 84TE-basis-unit (6HE enclosure) PI-based speed and current loop control with electronic commutation Typical Applications Precision servo motion in multi-axis industrial automation systems; coordinated axis control in machines requiring synchronized brushless motor drive with feedback regulation. Compatibility & Integration Designed for SM series brushless synchronous motors with RLG position sensing. Compatible with external DC mains supplies from Kollmorgen Seidel or conventional 3-phase transformer-fed configurations. Supports modular stacking in integrated rack systems.

60WKSCE2406PB Characteristics / Specifications

PARAMETER	VALUE
Model	60WKS
Manufacturer	Kollmorgen Seidel
Instrument Type	Analog servo amplifier
Series	60WKS 240 V
Alias	60WKS-M240; 60WKS-CE240; 60WKS-CE240/12PB
Motor Family	SM series brushless synchronous
Commutation	trapezoidal
Feedback	RLG rotor position and tachometer
DC Link Voltage	240 V rated
Supply Example CE240	3 × 60 to 172 V, 50 to 60 Hz plus max 10 percent
Isolation Transformer	required on industrial 3-phase mains per manual
Ballast Pulse Example 12 A	5.4 kW
Ballast Continuous Example 12 A	135 W
Current Catalog xx	3, 6, 12, 22, 26 A class (M240/xx-PB)
Power Stage	3 phase PWM transistor, 4 quadrant
Controllers	PI current and speed
Setpoints	2 differential; setpoint 2 adjustable
Logic	plus 24 V / 10 mA PLC compatible; high plus 12 to 30 V
Auxiliary Supply	generated from DC link; optional external 24 V (-24V)
Auxiliary Outputs	plus/minus 15 V
Relay	ready/standby isolated fault contact
Timer Custom PCB	trimmers and fixed parts for operating parameters
Smoothing	DC link capacitors
Cabinet	closed steel switchgear
Software Support Era	analog; no digital drive GUI

PARAMETER	VALUE
Related Digital	SC750 / SC900 for digital replacements
Installation Manual	Assembly / Installation / Commissioning edition 12.99 class
Form	rack/panel analog servo amplifier Notes Specs from Kollmorgen Seidel 60WKS assembly manual and 60WKS-CE240/12PB identity. Current, ballast, and transformer VA are model-specific (/xx). Confirm M240 versus CE240 and installed option PCB.

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.

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Option PCB 01: limit-switch logic and ramp generator

Specifications

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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

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<https://aumictechlabs.com>

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