KEB — F5 Combivert Axis Drives

09.F5.B3A-RN01



In-Stock, Ships Today

- ☑ 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 **09.F5.B3A-RN01** is an axis drive module produced by KEB in the F5 Combivert Axis Drives series. It is intended for cabinet installation, where it conditions three-phase mains power and delivers regulated output to induction or synchronous motors, allowing motor speed and torque to be matched to changing process demands. The device supports material-handling lines, pump arrays, and coordinated multi-axis assemblies that require precise electrical control instead of mechanical throttling. Its regulated output also provides the controlled acceleration and deceleration needed in machinery with varying production cycles or fluid-flow requirements.

The drive employs a **BASIC** control structure based on **open-loop flux vector control**, so motor slip is compensated electronically without encoder feedback. Incoming power can vary from **305-528 V AC**, allowing operation when feeder voltages fluctuate or regional mains standards differ. At its nominal supply level, the unit uses a **480 V three-phase** input and maintains rated performance. The electronics support a line frequency of **50/60 Hz** with a tolerance of ±2 Hz, helping the DC link remain within its intended operating range under either utility standard. These input ranges allow the drive to accommodate common industrial power networks while providing stable power conversion for the connected motor.

A compact housing with form factor code **A** keeps the footprint small, allowing multiple axis drives to be installed side by side in the same cabinet. The output stage can reproduce a three-phase voltage ranging from 0 V to **528 V**, allowing drive parameters to match compatible motor ratings without external transformers. Integrated hardware includes a **braking transistor** that supports dynamic deceleration by directing regenerative energy to a

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.

© 2026 Automation Factory. All rights reserved.

compatible braking resistor. An internal **EMI filter** suppresses conducted electrical noise at the cabinet terminals and helps reduce interference with nearby control equipment. These integrated components reduce the need for separate filtering hardware and simplify the power connections required inside the enclosure.

Specifications

Control Type:	BASIC (Open loop flux vector control)	**Housing Form Factor Code:**	A	**Installed Accessories:**	Braking transistor and EMI filter
Nominal Input Voltage System:	480V, 3-Phase	**Nominal Output Voltage:**	3 x 0...Vsupply (up to 3 x 0...528V)	**Product Series:**	Combivert F5
Supply Voltage Frequency:	50/60 +/- 2 Hz	**Supply Voltage Range:**	305-528V AC	**Last Verified:**	11/06/2026 6:33 PM

Contact Us

1620 Old Apex Road, Cary, NC 27513, USA

Toll Free: 1-888-551-3082

International: 1-919-443-0207

Fax: 1-919-867-6204

Email: sales@wakeindustrial.com

Shipping Options

DHL, FedEx, UPS, Freight

Payment Methods

American Express, MasterCard, VISA, Wire Transfer

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.

© 2026 Automation Factory. All rights reserved.