14F5MBE-YUZF

Industrial automation components

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Manufacturer	Keb
Catalog number	14f5mbe-yuzf
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Variable Frequency Drive (VFD)
Power Rating	7.5 kW
Motor Type	Asynchronous three-phase motors, Synchronous servo motors
Communication Interfaces	EtherNet/IP, ProfiNet, Modbus, EtherCAT, Powerlink, DeviceNet, CAN, Sercos, Interbus
High-Speed Output	Up to 2000Hz

Description

The KEB 14.F5.MBE-YUZF is a high-performance variable frequency drive (VFD) from KEB's F5 Inverter series, designed to provide precise motor control in demanding applications. This model supports power ratings up to 7.5 kW and is suitable for controlling both asynchronous three-phase motors and synchronous servo motors.

The F5 Inverter series is known for its versatility and reliability, with over 150,000 installations in North America. Key features include modular communication options such as EtherNet/IP, ProfiNet, Modbus, EtherCAT, Powerlink, DeviceNet, CAN, Sercos, and Interbus, allowing seamless integration into various automation systems.

The drive offers high-speed outputs up to 2000Hz, making it ideal for applications requiring rapid response times. Additionally, the F5 Inverter series supports a wide range of encoder interfaces, including TTL, HTL, Resolver, Sin/Cos, SSI-Sin/Cos, EnDAT 2.1, EnDAT 2.2, BiSS, Hiperface, and UVW, ensuring compatibility with diverse motor feedback systems.

The 14.F5.MBE-YUZF model is engineered for durability and efficiency, making it a reliable choice for industrial automation needs.

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