15F5MBE-YUZY

Industrial automation components

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Manufacturer	Keb
Catalog number	15f5mbe-yuzy
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage Range	305–500 V
Apparent Power Rating	17 kVA
Output Frequency Range	0–1600 Hz
Motor Power Rating	11 kW
Communication Protocols	EtherNet/IP, ProfiNet, Modbus, EtherCAT, Powerlink, DeviceNet, CAN, Sercos, Interbus

Description

The KEB 15.F5.MBE-YUZY is a high-performance frequency inverter from KEB's COMBIVERT F5 series, designed for precise motor control in demanding industrial applications. Operating on a 3-phase AC input supply at 305–500 V with a frequency of 50 or 60 Hz, it delivers an apparent power rating of 17 kVA and supports an output frequency range up to 1600 Hz.

The drive is capable of handling motor power up to 11 kW, making it suitable for a wide range of automation tasks. It features a modular communication operator concept, supporting various protocols including EtherNet/IP, ProfiNet, Modbus, EtherCAT, Powerlink, DeviceNet, CAN, Sercos, and Interbus, ensuring seamless integration into diverse industrial environments.

The 15.F5.MBE-YUZY is also equipped with high-speed outputs, capable of up to 2000 Hz, and supports various encoder interfaces such as TTL, HTL, Resolver, BiSS, EnDAT, and Hiperface, providing flexibility in feedback device compatibility.

With a protection rating of IP20 and certifications including cULus and CE, this inverter is built to meet rigorous industrial standards, ensuring reliable and efficient operation in various automation applications.

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