

Lenze EVF8203-E Manual

Brand	Lenze
Product Series	Lenze
Product Type	of Product Frequency Inverter Drive (8200 Series)

Description

The Lenze EVF8203-E is part of the 8200 Series and is a frequency inverter drive. Designed for operational versatility, it handles output voltages ranging from 0 to 230 VAC and achieves output frequencies up to 480 Hz.

Technical specifications for EVF8203-E

Manufacturer Omron

Product Line Other

Part Number EVF8203-E

Type of Product Frequency Inverter Drive (8200 Series)

Output Current 7 AMP

Input Current 15 AMP

Power Supply 230 VAC (50/60 Hz)

Output Voltage 0-230 VAC (3-Phase)

Output Frequency 0-480 Hz www.AutoDCSTech.com

Power Rating 1.5 kW (1.5 kW = 2 HP)

Motor Control For controlling 3-phase AC motors

Cooling Method Forced Air

Mounting Panel Mount / Chassis Mount

Description

The EVF8203-E from Lenze is a frequency inverter drive engineered for reliable control of 3-phase AC motors. This unit can accommodate an output current of 7 amps while drawing an input current of up to 15 amps. It operates on a power supply rated at 230 VAC, compatible with both 50 Hz and 60 Hz frequencies. The output voltage can be adjusted from 0 to 230 VAC, offering flexibility in various applications.

With an impressive output frequency range of 0 to 480 Hz, the inverter drive enables precise speed control of connected motors, ensuring optimal performance under different conditions. Its power rating is set at 1.5 kW, translating to 2 horsepower, making it suitable for various industrial tasks.

The weight of the EVF8203-E is approximately 2.96 kg, contributing to its manageable installation. The cooling mechanism is forced air, which maintains optimal temperature during operation. This frequency inverter drive can be mounted on a panel or directly onto a chassis, providing flexibility in installation setups. Overall, the Lenze EVF8203-E frequency inverter drive stands out for its efficiency and adaptability in motor control applications.

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