Lenze EVF9328-EV Manual

Brand	Lenze
Product Series	Lenze
Product Type	Frequency inverter

Description

The EVF9328-EV model from Lenze is a frequency inverter tailored for industrial applications. It operates with a motor power rating of 40 HP, accommodating mains voltages between 320 to 440V AC.

Technical specifications for EVF9328-EV
Manufacturer Lenze
Product Type Frequency inverter
Product Line Series 9300
Part Number EVF9328-EV
Motor Power 40 HP
Mains Voltage 320-440V AC
Mounting Method Back panel of control cabinet
Mains Frequency 45-65 Hz
Alternative DC Supply Voltage 460/620V DC
Mains Current with Mains Choke/Filter 50 Amps
Output Power at 2/4 kHz 39.5 kVA
Output Power at 8 kHz 32.6 kVA
Power Loss 610W

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The Lenze EVF9328-EV frequency inverter is engineered to provide effective motor control in various applications. With a robust motor power capacity of 40 HP, it supports mains voltages ranging from 320 to 440 volts AC. The device is crafted to fit conveniently on the back panel of control cabinets, offering a practical installation solution. Operating across a mains frequency range of 45 to 65 Hz, this inverter is adaptable to a variety of systems.

In terms of current handling, the inverter accommodates a mains current of 50 Amps, particularly when used with a mains choke or filter. It provides notable output power ratings, delivering 39.5 kVA at frequencies of 2/4 kHz and 32.6 kVA at 8 kHz, thus ensuring adequate power for demanding applications. It is also designed with a power loss of 610 watts, indicating efficient energy management.

Additionally, the EVF9328-EV has a provision for an alternative DC supply voltage, which ranges from 460 to 620 volts DC. This flexibility allows users to adapt the inverter for specific power supply conditions, enhancing its usability across different operational environments.

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