

Lenze EVF9326-CVV003 Manual

Brand	Lenze
Product Series	Lenze
Product Type	The EVF9326-CVV003 is a frequency inverter designed by Lenze. This component operates within a voltage

Description

The EVF9326-CVV003 is a frequency inverter designed by Lenze. This component operates within a voltage rating of 400 VAC and can handle AC mains voltages ranging from 320 to 440 VAC.

Technical specifications for EVF9326-CVV003

Manufacturer Lenze

Product Line Series 9300

Part Number EVF9326-CVV003

Product Name Frequency Inverter

Mass 7.8 kg

Version Cold Plate

AC Mains Frequency 45 Hz to 65 Hz

Voltage Rating 400 VAC

AC Mains Voltage 320 to 440 VAC

Rated Output Current at Switching Frequency 23.5 A at 2/4/8 kHz for 400V

Max. Permissible Output Current at Switching Frequency 33.5 A at 2/4/8 kHz for 400V

Main Circuit Current 20.5 A (with mains choke) for 400V

Typical Motor Power 11 kW and 15 HP for 400V

Output Power 16.3 kVA (2 kHz / 4 kHz / 8 kHz) at 400V

Power Loss 360 W

The Lenze EVF9326-CVV003 frequency inverter is a crucial component for controlling motor operations. With a mass of 7.8 kilograms, this unit can function within an AC mains frequency of 45 Hz to 65 Hz. It is rated for a voltage of 400 VAC and can accept an input voltage range from 320 to 440 VAC.

For output performance, the EVF9326-CVV003 frequency inverter can deliver a rated output current of 23.5 amperes at switching frequencies of 2, 4, or 8 kHz, demonstrating its versatility in different applications. Additionally, the EVF9326-CVV003 frequency inverter can accommodate a maximum permissible output current of 33.5 amperes under the same switching conditions, enhancing its ability to manage demanding operations.

In circuits with a mains choke, the main circuit current measured is 20.5 amperes at 400V. Designed to support a typical motor power rating of 11 kW, or approximately 15 horsepower, the inverter provides sufficient output power with a capability of 16.3 kVA across the specified switching frequencies. A power loss of 360 watts indicates its efficiency characteristics, aligning with modern industrial motor control needs.

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