I55BE230F10V10000S

Industrial automation components

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Manufacturer	Lenze
Catalog number	i55be230f10v10000s
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	400–480 V
Output Current	7.3 A
Output Frequency	0–599 Hz
Dimensions	60 x 130 x 278 mm
Ambient Temperature	Up to 45°C

Description

The Lenze I55BE230F10V10000S is a high-performance frequency converter from the i550 series, designed to efficiently control three-phase 400V AC induction motors. With a rated power of 3 kW (4 HP) and a maximum output frequency of 599 Hz, it offers precise speed and torque control for various industrial applications.

The inverter operates within a mains voltage range of 400 to 480 V and supports both 50 and 60 Hz power frequencies, making it suitable for diverse operational environments. Its compact design, measuring 60 mm in width, 130 mm in depth, and 278 mm in height, ensures easy integration into control cabinets with limited space.

The device features an integrated brake chopper, enhancing its braking capabilities, and is rated for an ambient temperature of up to 45°C, ensuring reliable performance in demanding conditions. The I55BE230F10V10000S is compliant with the IEC 61800-3 Second Environment C2 EMC standard, ensuring electromagnetic compatibility in industrial settings.

This inverter is ideal for applications such as conveyor systems, pumps, fans, and other machinery requiring precise motor control.

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