1LE1002-1CB23-4KA4-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1le1002-1cb23-4ka4-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	400/690 V (50 Hz), 460 V (60 Hz)
Rated Power	7.5 kW (50 Hz), 8.6 kW (60 Hz)
Efficiency Class	IE1
Frame Size	132M
Protection Class	IP55

Description

The Siemens 1LE1002-1CB23-4KA4-Z is a low-voltage, three-phase asynchronous motor from the SIMOTICS GP series. Designed for industrial applications requiring reliable and efficient operation, this motor features a squirrel-cage rotor and self-ventilation, ensuring optimal performance in various environments.

With an aluminum housing and an IP55 protection class, it offers robust protection against dust and water ingress. Operating at a temperature class of 155°F (68°C) according to IEC standards, it is suitable for diverse industrial settings.

The motor delivers a rated power of 7.5 kW at 50 Hz and 8.6 kW at 60 Hz, with a 4-pole design and frame size 132M. It operates at voltages of 400/690 V for 50 Hz and 460 V for 60 Hz, making it versatile for different power supply systems.

The motor's standard efficiency IE1 classification indicates its energy performance level. The terminal box is positioned at the top, facilitating easy wiring and maintenance. This motor is ideal for driving industrial machinery such as fans, pumps, and compressors, where consistent and efficient performance is essential.

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