AUTOMATION TRADER

6SE7025-4CD60

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se7025-4cd60
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	3 AC 200-230 V
Output Current	54 A
Power Class	15 kW
Control Method	Vector Control
Dimensions	270 x 600 x 350 mm

Description

The Siemens 6SE7025-4CD60 is a compact AC-AC frequency converter from the SIMOVERT MASTERDRIVES Vector Control series, designed for 3-phase AC networks with input voltages ranging from 200 to 230 V at 50/60 Hz.

This device delivers a nominal output current of 54 A and belongs to the 15 kW power class, making it suitable for various industrial applications requiring precise motor control. The 6SE7025-4CD60 features a vector control method, ensuring efficient and accurate motor performance.

Its compact design (270 mm in width, 600 mm in height, and 350 mm in depth) and IP20 protection rating make it ideal for integration into existing systems where space is limited. The device operates with a nominal efficiency of at least 0.97 and utilizes a DC intermediate circuit voltage between 270 and 310 V.

As part of the 6SE70 family, it employs the PWE 54 power definition for parameterization, ensuring compatibility and ease of integration with other components in the series. This model is particularly recommended as a replacement part when maintaining existing machinery, allowing for continued use without the need to transition to a different drive platform.

Its specific combination of input voltage, output current, and power class distinguishes it from other variants in the 6SE70 series, ensuring precise matching for replacement purposes.

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