6RA7025-6DV62-0-Z-CUD1-ADB

Industrial automation components

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Manufacturer	Siemens
Catalog number	6ra7025-6dv62-0-z-cud1-adb
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	3 AC 400 V
Input Current	50 A
Output Voltage	DC 420 V
Output Current	60 A
US Rating Output	DC 420 V at 53 A V/A
Field Supply Input	400 V
Field Supply Output	325 V at 10 A V/A
Dimensions	385 x 265 x 283 mm
Weight	14 kg

Description

The Siemens 6RA7025-6DV62-0-Z is a microprocessor-controlled converter designed for four-quadrant operation in DC drive systems. Part of the SIMOREG DC-MASTER 6RA70 series, it offers precise control for variable-speed DC motors.

This model features a three-phase AC input of 400V, 50A, and delivers a DC output of 420V at 60A, with a US rating of 420V DC at 53A. The field supply operates with a 400V input and provides a 325V, 10A output.

The converter's enclosure dimensions are 385 x 265 x 283 mm, and it weighs approximately 14 kg. This unit is suitable for applications requiring reliable and efficient DC motor control, such as in industrial automation and process control systems.

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