

6RA7025-6DV62-0-Z

Industrial automation components

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

Technical specification

Weight	1.85 kgs
Current	60 A
Frequency	50 - 60 Hz
Product Type	Drive
Input Voltage	3-phase AC 400V
Input Current	50 A
DC Output Voltage	420 V
DC Output Current	60 A
Field Output Voltage	325 V
Field Output Current	10 A
Dimensions	385 x 265 x 283 mm
Weight	14 kg

Description

The Siemens 6RA7025-6DV62-0-Z is a SIMOREG DC Master Converter designed for precise control of DC motors in industrial applications. This microprocessor-controlled unit supports four-quadrant drive operation, making it suitable for both motoring and regenerative braking tasks. It operates with a 3-phase AC input of 400V at 50A and delivers a controllable DC output of 420V at 60A, with a continuous US-rating of 420V at 53A. Additionally, it provides a field rectifier output of 325V DC at 10A, ensuring stable field excitation for DC motors. The converter is housed in a compact enclosure measuring 385 x 265 x 283 mm and weighs approximately 14 kg, facilitating easy integration into existing production lines. Designed for demanding production environments, the 6RA7025-6DV62-0-Z ensures reliable and efficient motor control, enhancing operational performance and productivity.