6SE3212-1CA40

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se3212-1ca40
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.08 kgs
Input Voltage	208 to 240 V AC
Motor Power	0.37 kW
Input Current	4.6 A
Dimensions	175 x 73 x 141 mm
Weight	0.85 kg

Description

The Siemens 6SE3212-1CA40 is a MICROMASTER Vector Series AC Vector Drive designed for precise motor control in industrial applications. Operating within a voltage range of 208 to 240 V AC, it delivers a constant torque of 0.37 kW and supports both single-phase and three-phase power inputs. The drive operates at a frequency of 50/60 Hz and offers overload capabilities of 150% for 60 seconds and 200% for 3 seconds, ensuring reliable performance under varying load conditions. Its compact dimensions of 175 x 73 x 141 mm and lightweight design (approximately 0.85 kg) facilitate easy integration into existing systems. With an IP20 protection rating, the 6SE3212-1CA40 is suitable for environments with ambient temperatures ranging from 0 to 50°C. This drive is ideal for applications requiring precise speed and frequency control, such as conveyor systems, pumps, and fans, where consistent performance and energy efficiency are paramount.

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