AUTOMATION TRADER

6SE6436-2BC33-0EA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se6436-2bc33-0ea0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	3-phase AC 230V
Output Power	30 kW
Enclosure Rating	IP20
Brake Chopper	Yes
Compliance	EU Declaration of Conformity

Description

The Siemens 6SE6436-2BC33-0EA0 is a frequency converter from the Micromaster 436 series, designed for industrial automation applications requiring reliable and efficient motor control. This model operates with a 3-phase AC input voltage of 230V and is rated for a power output of 30 kW, making it suitable for medium to large-scale machinery and processes.

The converter is housed in an IP20 enclosure, indicating protection against solid objects larger than 12 mm but not against water ingress, which is typical for indoor installations. It features a built-in brake chopper (BF), enhancing its capability to manage regenerative energy during deceleration, thereby improving overall system performance and safety.

The 6SE6436-2BC33-0EA0 is engineered to meet European Union standards, as evidenced by its EU Declaration of Conformity, ensuring compliance with essential health, safety, and environmental requirements.

This model is ideal for applications where precise motor control and energy efficiency are paramount, such as in conveyor systems, pumps, and other industrial machinery.

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