

6SE6440-2AD25-5CA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6440-2ad25-5ca1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.59 kgs
Current	13.2 A
Cooling Capacity	5.5 kW
Signal Type	460
Relay Specifications	460 VAC
Voltage	460 V
Power	5.5 kW
Horsepower	7.5 HP
Product Type	Drive
Signal Level	460 V

Description

The Siemens 6SE6440-2AD25-5CA1 is a high-performance inverter drive from the MICROMASTER 440 series, designed for precise motor control in industrial applications. This model delivers a constant torque of 5.5 kW and can handle overloads up to 150% for 60 seconds and 200% for 3 seconds, ensuring reliable operation under varying load conditions. It operates within a voltage range of 380 to 480 V AC and supports an output frequency from 0 to 650 Hz, making it suitable for a wide range of applications. The drive features a built-in Class A filter, enhancing electromagnetic compatibility and reducing interference. With dimensions of 245 x 185 x 195 mm and a weight of 5.7 kg, it offers a compact solution for space-constrained installations. The IP20 protection rating indicates suitability for indoor use, and it can function within an ambient temperature range of -10°C to +50°C, accommodating diverse environmental conditions. This inverter drive is ideal for applications requiring precise speed and torque control, such as conveyor systems, mixers, and other machinery demanding consistent performance.