

6SE6440-2AD31-5DA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6440-2ad31-5da1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	13.00 kgs
Voltage	380 - 480 V
Signal Type	480
Signal Level	480 V
Power	15 kW
Cooling Capacity	15 kW
Product Type	Drive
Relay Specifications	480 VAC

Description

The Siemens 6SE6440-2AD31-5DA1 is a robust frequency inverter from the MICROMASTER 440 series, engineered for demanding industrial applications. Designed to control and regulate the speed of three-phase AC motors, this drive offers reliable performance and versatility. It operates within an input voltage range of 380 to 480 V AC, accommodating a frequency range of 47 to 63 Hz. The drive delivers a constant torque output of 15 kW, with overload capabilities of 150% for 60 seconds and 200% for 3 seconds, ensuring adaptability to varying load conditions. For applications requiring higher torque, it provides square-law torque up to 18.5 kW. The built-in Class A filter ensures compliance with electromagnetic compatibility standards, contributing to a stable and interference-free operation. The drive is housed in a compact enclosure measuring 275 x 520 x 245 mm (HxWxD) and has a net weight of 17 kg, facilitating easy integration into existing systems. With an IP20 protection rating, it is suitable for installation in controlled indoor environments. Operating within an ambient temperature range of -10 to +50 °C, the 6SE6440-2AD31-5DA1 is designed for continuous performance under varying conditions. This drive is ideal for applications in HVAC systems, manufacturing processes, and other industrial settings where precise motor control and reliability are paramount.