

6SE6440-2AD32-2DA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6440-2ad32-2da1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.44 kgs
Current	45 A
Power	22 kW
Cooling Capacity	22 kW
Signal Type	480
Signal Level	480 V
Relay Specifications	480 VAC
Voltage	380 - 480 V
Product Type	Drive

Description

The Siemens MICROMASTER 440 Inverter Drive (Part Number: 6SE6440-2AD32-2DA1) is a versatile and reliable solution for controlling and regulating the speed of three-phase AC motors in various industrial applications. Designed for constant torque operations, it delivers a rated power of 22 kW and can handle overloads up to 150% for 60 seconds and 200% for 3 seconds, ensuring robust performance under demanding conditions. The drive operates within an input voltage range of 380 to 480 V AC, accommodating fluctuations of $\pm 10\%$, and supports a frequency range of 47 to 63 Hz, making it suitable for diverse power supply environments. Its maximum output frequency reaches 650 Hz, providing flexibility for applications requiring high-speed motor control. The drive features a built-in Class A filter, enhancing electromagnetic compatibility and reducing interference in sensitive environments. With an ambient temperature range of -10°C to $+50^{\circ}\text{C}$, it is designed to operate reliably in various industrial settings. The MICROMASTER 440 series is known for its compact design, with dimensions of 520 x 275 x 245 mm (H x W x D) and a weight of 17 kg, facilitating easy integration into existing systems. This drive is ideal for applications requiring precise motor control, such as conveyors, pumps, and fans, where consistent performance and energy efficiency are essential.