

6SE6420-2AD24-0BA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6420-2ad24-0ba1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.30 kgs
Cooling Capacity	4 kW
Signal Type	480
Signal Level	480 V
Relay Specifications	480 VAC
Voltage	380 - 480 V
Current	13.6 A
Power	4 kW
Product Type	Drive

Description

The Siemens MICROMASTER 420 Inverter Drive (Part Number: 6SE6420-2AD24-0BA1) is a versatile and reliable solution for controlling three-phase AC motors in industrial applications. Designed for both constant and variable torque loads, it delivers a rated power of 4 kW, accommodating input voltages from 380 to 480 V AC with a tolerance of $\pm 10\%$. The drive operates efficiently within a frequency range of 47 to 63 Hz, ensuring optimal performance across various industrial processes. Its robust design includes a built-in Class A filter, providing electromagnetic compatibility and reducing interference. The MICROMASTER 420 features a compact form factor with dimensions of 202 x 149 x 172 mm (H x W x D) and a weight of approximately 3.3 kg, facilitating easy integration into existing systems. With an ambient temperature range of -10°C to $+50^{\circ}\text{C}$, it is suitable for diverse operating environments. The drive offers protection with an IP20 enclosure rating, making it ideal for use in industrial settings where space is limited and environmental conditions vary. This model is part of Siemens' MICROMASTER series, known for its reliability and performance in motor control applications.