

## 6SE6420-2AB21-5BA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6420-2ab21-5ba1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

### Technical specification

Weight	1.63 kgs
Voltage	200 - 240 V
Current	14.4 A
Product Type	Drive
Power	1.5 kW
Frequency	50 - 60 Hz
Cooling Capacity	1.5 kW
Signal Type	240
Signal Level	240 V
Relay Specifications	240 VAC

### Description

The Siemens MICROMASTER 420 Inverter Drive, model 6SE6420-2AB21-5BA1, is a versatile and efficient solution for controlling three-phase motors in industrial applications. Designed for a wide range of uses, it offers precise speed and torque control, enhancing operational efficiency and performance. Key features include a built-in Class A filter, ensuring compliance with electromagnetic compatibility standards, and a robust design suitable for various industrial environments. The drive operates within an input voltage range of 200 to 240 V AC, with a frequency range of 47 to 63 Hz, accommodating diverse power supply conditions. Its compact dimensions of 202 x 149 x 172 mm and an IP20 protection rating make it suitable for installation in control panels and other confined spaces. The ambient temperature range of -10°C to +50°C allows for reliable operation in challenging conditions. The MICROMASTER 420 series is known for its user-friendly interface and flexible configuration options, facilitating easy integration into existing systems. Whether used in material handling, conveyor systems, or other industrial processes, this inverter drive provides the performance and reliability required for demanding applications.