

6SE6420-2UD21-5AA0

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6420-2ud21-5aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.59 kgs
Voltage	380 - 480 V
Current	3.9 A
Cooling Capacity	1.5 kW
Relay Specifications	480 VAC
Power	1.5 kW
Frequency	50 - 60 Hz
Product Type	Drive
Signal Type	480
Signal Level	480 V

Description

The Siemens MICROMASTER 420 Inverter Drive (Part Number: 6SE6420-2UD21-5AA0) is a compact and versatile variable frequency drive designed for controlling three-phase AC motors in industrial applications. Operating within an unfiltered input voltage range of 380 to 480 V AC ($\pm 10\%$) and a frequency range of 47 to 63 Hz, it delivers a constant torque power of 1.5 kW and can handle overloads up to 150% for 60 seconds. The drive features a variable torque power of 1.5 kW, making it suitable for various motor control tasks. Its dimensions are 173 x 73 x 149 mm (H x W x D), and it has an IP20 protection rating, ensuring reliable performance in environments with ambient temperatures ranging from -10°C to $+50^{\circ}\text{C}$. The MICROMASTER 420 series is known for its user-friendly setup and operation, offering features such as selectable switching frequency for quiet motor operation, modular design, and comprehensive protection functions like over-temperature and short circuit protection. This drive is ideal for applications requiring precise motor control and energy efficiency.