

6SE6440-2UE21-5CA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6440-2ue21-5ca1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.90 kgs
Voltage	600 V
Horsepower	2 HP
Current	2.7 A
Product Type	Drive
Signal Type	600
Signal Level	600 V
Relay Specifications	600 VAC

Description

The Siemens MICROMASTER 420 (Part Number: 6SE6440-2UE21-5CA1) is a variable frequency drive designed for precise motor control in industrial applications. Operating within a 3-phase input voltage range of 500 to 600 VAC, it delivers a constant torque power of 1.5 kW and a variable torque power of 2.2 kW, accommodating a wide range of motor control needs. The drive features a compact design with dimensions of 245 x 185 x 195 mm (H x W x D) and a weight of 4.90 kg, making it suitable for installations with space constraints. It operates efficiently within an ambient temperature range of -10°C to +50°C and offers protection with an IP20 enclosure, ensuring durability in various industrial environments. The MICROMASTER 420 is equipped with advanced features such as vector control, direct torque control (DTC), and a built-in PID controller, enabling precise speed and torque regulation. Its modular design allows for flexible configuration, and it includes multiple digital and analog inputs and outputs for versatile integration into automation systems. This drive is ideal for applications requiring reliable and efficient motor control, including conveyors, pumps, and fans.