

6SE6420-2UD25-5CA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6se6420-2ud25-5ca1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.07 kgs
Power	5.5 kW
Frequency	50 - 60 Hz
Cooling Capacity	5.5 kW
Product Type	Drive
Relay Specifications	480 VAC
Voltage	380 - 480 V
Current	13.2 A
Signal Type	480
Signal Level	480 V

Description

The Siemens MICROMASTER 420 Series Inverter Drive, model 6SE6420-2UD25-5CA1, is engineered for precise motor control in industrial applications. This drive operates on a 3-phase AC supply voltage of 380 to 480 V, with a frequency range of 47 to 63 Hz, delivering a constant torque output of 5.5 kW (7.5 hp). It features an overload capacity of 150% for 60 seconds, ensuring reliable performance under varying load conditions. The drive's dimensions are 245 x 185 x 195 mm, and it has a weight of 5.5 kg, making it suitable for installations with space constraints. Designed with an IP20 protection rating, it is built to withstand ambient temperatures ranging from -10 to +50 °C, accommodating diverse environmental conditions. The MICROMASTER 420 Series is recognized for its user-friendly configuration, flexible modular design, and comprehensive motor protection features, making it a versatile solution for various industrial automation needs.