

## 6SE6440-2UD21-5AA1

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6se6440-2ud21-5aa1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.59 kgs
<b>Manufacturer</b>	Siemens
<b>Temperature</b>	50
<b>Cable Specification</b>	73 × 149
<b>I/O Channels</b>	173 channels
<b>Signal Type</b>	480
<b>Relay Specifications</b>	480 VAC
<b>Power</b>	1.5 kW
<b>Cooling Capacity</b>	1.5 kW
<b>Voltage</b>	AC
<b>Frequency</b>	4763 Hz
<b>Chemical Composition</b>	ad: 150 %
<b>I/O Configuration</b>	173
<b>Signal Level</b>	380480 V
<b>Product Type</b>	Drive

## Description

The Siemens 6SE6440-2UD21-5AA1 is a high-performance inverter drive from the MICROMASTER 440 series, engineered for precise motor control in industrial automation applications. Designed to operate within a voltage range of 380 to 480 V AC and a frequency range of 47 to 63 Hz, it delivers a constant torque output of 1.5 kW, making it suitable for demanding variable-speed motor tasks in manufacturing, material handling, and process control industries. The drive features advanced vector control technology, ensuring superior speed and torque regulation. Its compact design, measuring 173 x 73 x 149 mm and weighing 1.3 kg, allows for easy integration into various industrial settings. With an IP20 protection rating and an operating temperature range of -10°C to +50°C, the 6SE6440-2UD21-5AA1 is built for durability and efficiency, ensuring optimal motor performance in diverse environments.