

## 6SE6420-2UD23-0BA1

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6se6420-2ud23-0ba1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	2.61 kgs
<b>Current</b>	10 A
<b>Power</b>	3 kW
<b>Product Type</b>	Drive
<b>Signal Level</b>	480 V
<b>Voltage</b>	380 - 480 V
<b>Frequency</b>	50 - 60 Hz
<b>Cooling Capacity</b>	3 kW
<b>Signal Type</b>	480
<b>Relay Specifications</b>	480 VAC

### Description

The Siemens 6SE6420-2UD23-0BA1 is a versatile inverter drive from the MICROMASTER 420 series, designed to provide efficient motor control in various industrial applications. Operating without a filter, it supports a three-phase input voltage range of 380 to 480 V AC with a tolerance of  $\pm 10\%$  and a frequency range of 47 to 63 Hz. The drive delivers a constant torque power of 3.0 kW and can handle overloads up to 150% for 60 seconds, making it suitable for demanding operational conditions. Its compact dimensions of 149 x 202 x 172 mm and a weight of 3.3 kg ensure easy integration into existing systems. With an ambient temperature range of  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ , the 6SE6420-2UD23-0BA1 is built to withstand diverse environmental conditions. The drive features a protection rating of IP20, indicating its suitability for indoor use. This model is ideal for applications requiring precise motor control and reliable performance in industrial settings.