

## 6SE6420-2UD13-7AA1

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6se6420-2ud13-7aa1
<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>Input Voltage</b>	380-480 V AC
<b>Input Frequency</b>	47-63 Hz
<b>Output Power</b>	0.37 kW
<b>Overload Capacity</b>	150% for 60 seconds
<b>Dimensions</b>	173 x 73 x 149 mm
<b>Protection Rating</b>	IP20
<b>Ambient Temperature Range</b>	-10 to +50°C

### Description

The Siemens MICROMASTER 420 Inverter Drive, model 6SE6420-2UD13-7AA1, is engineered for precise motor control in industrial applications. Designed for 3-phase AC input, it operates within a voltage range of 380 to 480 V at 47 to 63 Hz, delivering a constant torque of 0.37 kW. This drive features an overload capacity of 150% for 60 seconds, accommodating short-term power surges. Its square-law torque characteristic ensures consistent performance under varying load conditions. The compact dimensions of 173 x 73 x 149 mm and an IP20 protection rating make it suitable for diverse industrial environments. With an ambient temperature range of -10 to +50°C, it offers versatility across different operating conditions. Notably, this model does not include an Advanced Operator Panel (AOP) or Basic Operator Panel (BOP), providing a straightforward interface for integration into existing systems.