

## 6SC6130-0FE00

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6sc6130-0fe00
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.47 kgs
<b>Product Type</b>	AC Feed Drive Power PCB
<b>Product Line</b>	SIMODRIVE 610
<b>Rated Current</b>	30 A
<b>Peak Current Capacity</b>	60 A
<b>Input Voltage</b>	380–480 VAC, 3-phase
<b>Output Frequency</b>	0–400 Hz
<b>Switching Frequency</b>	8 kHz
<b>Axis Configuration</b>	Single-axis operation
<b>System Integration</b>	Compatible with SIMODRIVE 610 drive units

### Description

The Siemens 6SC6130-0FE00 is an AC feed drive power printed circuit board (PCB) designed for precise motor control in industrial automation systems. Part of the SIMODRIVE 610 series, this module is engineered to handle continuous rated currents of 30 Amps, with the capability to manage short-term peaks up to 60 Amps, making it suitable for demanding applications requiring reliable performance. The unit operates within a voltage range of 380–480 VAC, 3-phase, and supports output frequencies from 0 to 400 Hz, with a switching frequency of approximately 8 kHz. It is compatible with SIMODRIVE 610 drive units, facilitating seamless integration into existing systems. The 6SC6130-0FE00 is constructed with high-quality industrial-grade materials to ensure longevity and consistent performance, making it suitable for demanding environments where downtime must be minimized. This module is ideal for applications requiring precise regulation of motion and power, such as in manufacturing processes, robotics, and other industrial automation tasks. Its robust design and reliable operation make it a valuable component for maintaining efficient and uninterrupted production lines.