

6SC6120-0FE01

Industrial automation components

Manufacturer	Siemens
Catalog number	6sc6120-0fe01
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.93 kgs
Manufacturer	Siemens
Part Number	6SC6120-0FE01
Product Type	Power PCB
Series	SIMODRIVE 610
Rated Current	20 A
Maximum Current	40 A
Input Voltage	400V AC V
Output Voltage	380-480V AC V
Cooling Method	Forced air cooling
Dimensions	25.4 x 7.6 x 27.9 cm
Weight	1.7 kg

Description

The Siemens 6SC6120-0FE01 is a power printed circuit board (PCB) from the SIMODRIVE 610 series, designed for single-axis applications in industrial automation systems. This unit operates with a rated current of 20 A and can handle peak currents up to 40 A, ensuring reliable power distribution for machinery requiring precise control. It supports an input voltage of 400V AC and provides output voltages between 380 and 480V AC, accommodating various industrial power requirements. The 6SC6120-0FE01 is engineered for efficient thermal management through forced air cooling, maintaining optimal operating conditions. With dimensions of 25.4 cm in length, 7.6 cm in width, and 27.9 cm in height, and weighing approximately 1.7 kg, it is suitable for integration into diverse industrial environments where space and weight considerations are critical. This power PCB is an integral component for applications necessitating precise power management and control, such as manufacturing processes, assembly lines, and material handling systems.