

6SC6140-0FE01

Industrial automation components

Manufacturer	Siemens
Catalog number	6sc6140-0fe01
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.13 kgs
Product Type	Power Board
Product Family	SIMODRIVE 610
Rated Current	40 A
Maximum Current	80 A
Operating Temperature Range	0 to 40 °C
Storage Temperature Range	0 to 50 °C
Dimensions	26 x 18 x 36 cm
Weight	2.3 kg

Description

The Siemens 6SC6140-0FE01 is a power board from the SIMODRIVE 610 series, designed for single-axis control in industrial automation systems. This component is engineered to provide precise and efficient motion control, making it suitable for applications such as CNC machinery, automated production lines, and robotic systems. With a rated current of 40A and a maximum current capacity of 80A, it ensures reliable performance under varying operational conditions. The unit operates within an ambient temperature range of 0 to 40 degrees Celsius and can be stored between 0 and 50 degrees Celsius, accommodating diverse industrial environments. Its compact design, with dimensions of 26 cm x 18 cm x 36 cm and a weight of approximately 2.3 kg, facilitates easy integration into existing systems. The 6SC6140-0FE01 is not RoHS-compliant, which may be a consideration for projects adhering to specific environmental standards. As a component of the SIMODRIVE 610 series, it benefits from Siemens' reputation for quality and durability in industrial automation solutions.