

6SC6170-0FC51

Industrial automation components

Manufacturer	Siemens
Catalog number	6sc6170-0fc51
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.29 kgs
Relay Specifications	140 A
Current	140 A
Product Type	Module
Product Family	SIMODRIVE 610
Rated Current	70 A
Maximum Current	140 A
Number of Axes	1/2
Dimensions	290 mm x 230 mm x 60 mm
Weight	3.4 kg

Description

The Siemens 6SC6170-0FC51 is a high-performance power module from the SIMODRIVE 610 series, designed for demanding industrial applications requiring precise and efficient motor control. This module serves as an AC feed drive power unit, capable of handling one or two axes with rated currents of 70 A and maximum currents up to 140 A. Its robust construction ensures reliable operation in various settings, including automotive, aerospace, power generation, and electronics industries. The module's compact dimensions (290 mm in length, 230 mm in width, and 60 mm in height) and weight of approximately 3.4 kg make it suitable for integration into space-constrained environments. Despite its phase-out date of September 30, 2012, the 6SC6170-0FC51 remains repairable, offering a cost-effective solution for extending the lifespan of existing systems. Professional repair services are available to maintain the module's functionality, ensuring ongoing operational efficiency.