

6FC5447-0AA00-0AA1

Industrial automation components

Manufacturer	Siemens
Catalog number	6fc5447-0aa00-0aa1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	10.00 kgs
Current	24 A
Product Type	Drive
Relay Specifications	6 A
Dimensions	160 mm x 500 mm x 300 mm
Weight	10.08 kg
Current Rating	50 A
Feed Drive Current	6 A/12 A
Main Spindle Drive Current	24 A/32 A

Description

The Siemens 6FC5447-0AA00-0AA1 is a Control Card Unit (CCU) box designed for the SINUMERIK 810D series, integral to electronic control systems in advanced CNC applications. This enclosure houses three integrated power units: two rated at 6 A/12 A for feed drives, and one rated at 18/36 A for feed drives or 24 A/32 A for main spindle drives. Its robust design ensures efficient power distribution and reliable operation in demanding industrial environments. The CCU box's dimensions are 160 mm in height, 500 mm in length, and 300 mm in width, with a weight of approximately 10.08 kg. It is engineered for seamless integration with SINUMERIK 810D systems, providing enhanced control and stability for various CNC applications, including milling, turning, and precision machining processes. This component is essential for industries requiring high-performance CNC systems, such as automotive manufacturing, aerospace, and heavy machinery production.