

6SL3120-1TE32-0AA3

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3120-1te32-0aa3
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	20.33 kgs
Voltage	600 V
Product Type	Motor
Industrial System	sinamics
Signal Type	600
Signal Level	600 V
Relay Specifications	200 A
Current	200 A

Description

The Siemens 6SL3120-1TE32-0AA3 is a high-performance single-motor module from the SINAMICS S120 series, engineered for precise control in industrial automation applications. Designed to operate with a 600 V DC input, it delivers a 400 V 3-phase AC output at a rated current of 200 A, with a maximum output current of 282 A. This module is capable of handling a rated power of 107 kW, making it suitable for demanding motor control tasks. Its compact 'booksize' form factor, measuring 300 x 380 x 270 mm and weighing approximately 21 kg, facilitates efficient integration into control cabinets with limited space. The internal air cooling system ensures optimal thermal management, enhancing the module's reliability and longevity. Additionally, the 6SL3120-1TE32-0AA3 supports optimized pulse patterns and extended safety-integrated functions, including the DRIVE-CLiQ cable, which simplifies system integration and enhances operational safety. This module is ideal for applications requiring precise motor control, such as in manufacturing processes, material handling systems, and HVAC systems, where performance and reliability are paramount.