

6SL3120-1TE21-8AA3

Industrial automation components

Manufacturer	Siemens
Catalog number	6sl3120-1te21-8aa3
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	5.03 kgs
Voltage	600 V
Signal Type	600
Signal Level	600 V
Current	18 A
Product Type	Motor
Industrial System	sinamics
Relay Specifications	400 VAC

Description

The Siemens 6SL3120-1TE21-8AA3 is a Single Motor Module from the SINAMICS S120 series, engineered for high-performance motor control in industrial automation applications. Designed to convert a 600 V DC supply into a 400 V AC three-phase output, it delivers a continuous rated current of 18 A, with a maximum output current of 36 A. This module operates within a DC link voltage range of 510–720 V DC, providing a rated power of 9.7 kW. Constructed in a compact booksize format, it measures 50 x 270 x 410 mm and weighs approximately 5 kg, facilitating efficient integration into control cabinets. The internal air cooling system ensures optimal performance under load, while the module supports extended safety integrated functions, including DRIVE-CLiQ connectivity, enhancing operational safety and system integration. This module is ideal for applications requiring precise motor control and high dynamic performance.