6SL3120-1TE21-0AA4-6SL3162-2MA00-0AA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3120-1te21-0aa4-6sl3162-2ma00-0aa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	Siemens
Part Number	6SL3120-1TE21-0AA4
Product Type	Single Motor Module
Series	SINAMICS S120
DC Link Voltage	510 to 720 V DC
Rated Output Current	9 A
Continuous Operation Current	7.7 A
Short-term Operation Current	10 A
Rated Power Output	4.8 kW
Maximum Pulse Frequency	4 kHz
Extended Pulse Frequency	16 kHz
Cooling Method	Integrated Fan

Description

The Siemens 6SL3120-1TE21-0AA4 is a compact single-motor module from the SINAMICS S120 series, engineered for precise motor control in industrial applications. Designed for a DC link voltage range of 510 to 720 V DC, it delivers a rated output current of 9 A, with a continuous operation current of 7.7 A, and supports short-term operation up to 10 A at a 40% duty cycle.

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The module offers a rated power output of 4.8 kW and operates with a maximum pulse frequency of 4 kHz, extendable to 16 kHz under reduced performance conditions. Cooling is managed via an integrated fan, ensuring efficient thermal regulation.

This module is suitable for applications requiring reliable and efficient motor control solutions.