6SL3120-1TE28-5AA4

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3120-1te28-5aa4
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Single Motor Module
Input Voltage	600 VDC
Output Voltage	400 VAC
Rated Output Current	85 A
Peak Current	141 A
Cooling Method	Internal Air Cooling
Pulse Frequency	8 kHz
Drive System Compatibility	SINAMICS S120

Description

The Siemens 6SL3120-1TE28-5AA4 is a Single Motor Module in booksize format, designed for efficient and reliable motor control in industrial automation applications. This module operates with a DC link voltage of 600 VDC and provides an output of 3-phase AC voltage up to 400 VAC.

It delivers a rated output current of 85 A at a pulse frequency of 8 kHz, with a peak current capability of 141 A. The module features internal air cooling and is optimized for pulse sampling, supporting extended safety integrated functions, including DRIVE-CLiQ connectivity.

It is suitable for integration into SINAMICS S120 drive systems, offering a compact solution for precise motor control.

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