AUTOMATION TRADER

6SL3120-01TE13-0AD0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3120-01te13-0ad0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

DC Link Voltage	510 to 720 V
Electronics Power Supply	24 V DC
Rated Output Current	3.0 A
Maximum Current	9.0 A
Rated Pulse Frequency	4.00 kHz
Cooling Type	Internal air cooling
Housing Format	Booksize
Dimensions	50.00 mm x 380.00 mm x 270.00 mm
Net Weight	4.6 kg
Compliance	CE, cULus
Safety Integrated	SIL 2 (IEC 61508), PL d (EN ISO 13849-1), Category 3 (EN ISO 13849-1)

Description

The Siemens 6SL3120-1TE13-0AD0 is a Single Motor Module from the SINAMICS S120 series, designed for industrial drive applications. This module operates with a DC link voltage range of 510 to 720 V and requires a 24 V DC electronics power supply.

It delivers a rated output current of 3.0 A, with a maximum current capacity of 9.0 A, suitable for various industrial motor control tasks. The module supports a rated pulse frequency of 4.00 kHz and offers internal air cooling for efficient thermal management.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

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It is housed in a compact booksize format with dimensions of 50.00 mm in width, 380.00 mm in height, and 270.00 mm in depth, and has a net weight of 4.6 kg. The device complies with CE and cULus standards and integrates safety features such as SIL 2 according to IEC 61508 and PL d according to EN ISO 13849-1, ensuring reliable and secure operation in industrial environments.