

SINAMICS S120

Product Data Sheet

6SL3120-1TE13-0AA3

single motor module

FUNCTION single motor module	FAMILY SINAMICS S120	ORIGIN Germany	WEIGHT 0.90 kg
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Siemens SINAMICS 6SL3120-1TE13-0AA3 is a single motor module for the SINAMICS S120. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Booksize format with rated output currents of 3 A to 18 A	In principle, all Single Motor and Double Motor Modules can be
or screw-stud depending on rated output current	1 safe standstill input (enable pulses)
graded current/power ratings can be supplied	Single Motor Modules: Single-axis variant
1 temperature sensor input (KTY84-130 or PTC)	2 PE (protective earth) connections
DC link voltage	Up to 2000 m (6562 ft) above sea
For Motor Modules with a rated	output current of 3 ... 30 A
Current requirement	with 24 V DC, max.
Current capacity	24 V DC busbars
Degree of protection	IP20
DC link current Id	1)

ADDITIONAL PRODUCT DATA

connect Motor Module to adjacent module	Jumper for connecting the 24 V DC busbar to the adjacent
The motor cable shield is inside the connector on 50 mm (1.97 in) and 100 mm (3.94 in) width modules. A shield	
Single Motor Modules: Single-axis variant	Booksize format with rated output currents of 3 A to 200 A
Double Motor Modules: Two-axis variant	Booksize format with rated output currents of 3 A to 18 A
Connector X21	Connector X11 for the motor brake connection (for Motor

OFFICIAL APPLICATIONS

- Variable-speed machine drive applications: Driven equipment
- Conveyor and mill drive applications: Production equipment
- Pump and blower drive applications: Utility equipment

SYSTEM COMPATIBILITY

Match 6SL3120-1TE13-0AA3 to the installed SINAMICS S120, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

Local official manufacturer PDF: 6SL3120-1TE13-0AA3.pdf

AMIKON PRODUCT SUPPORT

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