AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6SL3120-2TE21-0AA4

SINAMICS Motor Module

TYPE	REFERENCE	SCOPE	OPTIONS
SINAMICS Motor Module	**6SL3120-2TE21-0AA4**	**Exact-model data**	**Check order**

Siemens 6SL3120-2TE21-0AA4 is a SINAMICS Motor Module with a rated output current of 9.0 A and rated power of 4.8 kW based on IN. Its DC-link input is specified for 510-720 V, with a separate 24 V DC electronics supply.

01 DOCUMENTED PRODUCT REFERENCE

Electronics power supply	DC 24 V -15 % / +20 %
Current demand, max	1.15 A
Rated output current IN	9.0 A
Base load current IH	7.7 A
S6 duty current at 40% duty cycle	10.0 A
Maximum current	27.0 A
Rated power based on IN	4.8 kW
Rated power based on IH	4.1 kW

Siemens exact-model data sheet. Verify the complete supplied product identity.

02 TECHNICAL DATA

Installation altitude (without derating)	1,000 m (3,281 ft)
Cooling air requirement	0.008 m3/s
Operating ambient temperature	0 ... 40 °C (32 ... 104 °F)
Maximum motor-cable length, shielded	50 m (164 ft)
Maximum motor-cable length, unshielded	75 m (246 ft)
Degree of protection	IP20 / UL open type
Sound pressure level (1m)	60.0 dB

03 APPLICATION AND CONFIGURATION

- Motor power conversion within the documented SINAMICS arrangement.
- Retain the complete 6SL3120-2TE21-0AA4 order code.
- Match the documented electrical, interface and environmental requirements.
- Consult the applicable wiring and installation instructions.
- Verify supplied-unit markings before installation.

04 OFFICIAL DOCUMENTATION

Siemens Motor Module Data Sheet

Source: Siemens official exact-model data sheet; 1 source page(s).

Selected manufacturer data applies to the identified component and documented conditions. Check the full ordering configuration. Consult the applicable installation instructions before selecting, installing or replacing equipment.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM