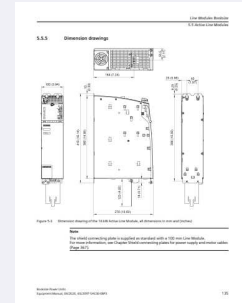


AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

6SL3130-7TE21-6AA1

Active Line Module, Booksize, 16 kW



INPUT 3 AC 380-480 V	OUTPUT 600 V DC	POWER 16 kW	COOLING Internal air
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Siemens 6SL3130-7TE21-6AA1 is a SINAMICS S120 Active Line Module in Booksize format. It supplies the drive DC link and supports energy recovery to the line in a suitably engineered SINAMICS S120 drive line-up.

01

VERIFIED TECHNICAL DATA

Product type	SINAMICS S120 Active Line Module
Construction	Booksize; internal air cooling
Input	380-480 V 3 AC, 50/60 Hz
Output	600 V DC, 27 A
Rated power	16 kW
Peak infeed power	35 kW
Electronics supply	24 V DC (20.4-28.8 V)
Ventilation clearance	>= 80 mm above and below
Envelope	100 x 410 x 270 mm
Net weight	7.8 kg (exact Siemens record)

Technical values are limited to the exact Siemens product record and applicable official manual.

02

PRODUCT IDENTITY AND FUNCTION

The exact Siemens product record states 380-480 V 3 AC input, 600 V DC output, 27 A output current, 16 kW rated power and internal air cooling. The applicable equipment manual lists 47-63 Hz line frequency and 24 V DC electronics supply.

Install the module in a control cabinet on a cabinet or mounting panel using M6 fasteners. Maintain the specified ventilation clearance and follow the current Siemens equipment manual for line-side components, protection and commissioning.

03

OFFICIAL APPLICATIONS

- Line-side infeed for SINAMICS S120 Booksize drive line-ups
- Controlled DC-link supply for connected Motor Modules
- Continuous energy recovery to the line up to the 16 kW rated level
- Peak infeed and energy-recovery operation within the Siemens duty-cycle limits

04

SYSTEM COMPATIBILITY

The module is a line-side SINAMICS S120 Booksize component. System engineering must confirm the Control Unit, DRIVE-CLiQ topology, Active Interface Module or line-side components, protection devices and DC-link load against the current Siemens manual.

05

OFFICIAL SOURCES

[Siemens exact product record](#)

[SINAMICS S120 Booksize Power Units Equipment Manual](#)

AMIKON PRODUCT SUPPORT

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