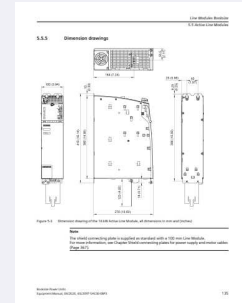


AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

6SL3130-7TE21-6AA1

Active Line Module, Booksize, 16 kW



INPUT	OUTPUT	POWER	COOLING
3 AC 380-480 V	600 V DC	16 kW	Internal air

This concise reference does not replace the current controlled Siemens equipment manual, site safety procedures or system engineering documents.

01 PRODUCT VERIFICATION

Article number	6SL3130-7TE21-6AA1
Product	Active Line Module, Booksize, 16 kW
Family	SINAMICS S120
Input	380-480 V 3 AC, 50/60 Hz
Output	600 V DC, 27 A
Rated power	16 kW
Cooling	Internal air cooling

02 BEFORE INSTALLATION

- Isolate and lock out the line supply and the 24 V electronics supply before installation.
- Mount the Active Line Module in a control cabinet on a cabinet or mounting panel using M6 fasteners.

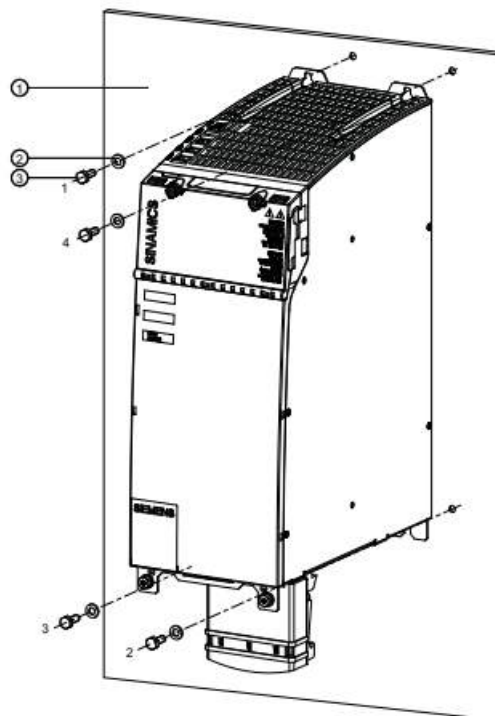
OFFICIAL INSTALLATION DRAWING

Line Modules Booksize

5.5 Active Line Modules

5.5.6 Installation

Active Line Modules are designed for installation in the control cabinet. They are fixed to the control cabinet panel or a mounting panel using M6 screws.



- ① Control cabinet panel/mounting panel
- ② Washer
- ③ M6 screw

Figure 5-7 Installing an Active Line Module (example, 36 kW)

Tightening torques:

1. Firstly, tighten the nuts by hand.
Tightening torque: 0.5 Nm (4.4 lbf in)
2. Then tighten the nuts in the specified sequence 1 to 4.
Tightening torque: 6 Nm (53.1 lbf in)

04 INSTALLATION CONTROLS

01

Isolate and lock out the line supply and the 24 V electronics supply before installation.

02

Mount the Active Line Module in a control cabinet on a cabinet or mounting panel using M6 fasteners.

03

First tighten the fixing nuts by hand to 0.5 Nm, then tighten positions 1 to 4 to 6 Nm in sequence.

04

Maintain at least 80 mm ventilation clearance above and below the module and keep cooling paths unobstructed.

05

Verify line-side protection, line filter or reactor, Active Interface Module and DRIVE-CLiQ connections before energization.

05 OFFICIAL DOCUMENTATION

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

[Siemens exact product record](#)

AMIKON PRODUCT SUPPORT

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