

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SINAMICS

6SL3100-1CE14-0AA0

BOOKSIZE CAPACITOR MODULE

Used with the applicable SINAMICS S120 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer documentation

SINAMICS S120 drive system

SINAMICS S120 in booksize format

DC link components > Capacitor Module

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Overview

Capacitor Module in booksize format

The Capacitor Module is used to increase the DC link capacitance to bridge momentary power losses.

The Capacitor Module is connected to the DC link voltage via the integrated DC link busbars. The Capacitor Module functions autonomously.

Several Capacitor Modules can be operated in parallel.

Design

Capacitor Modules feature the following connections and interfaces as standard:

- 2 DC link connections via integrated DC link busbars
- 2 PE (protective earth) connections

Technical specifications

Article No.	6SL3100-1CE14-0AA0
Product brand name	SINAMICS
Product designation	Capacitor Module in booksize format

DC link voltage 510 ... 720 V DC

Capacitance	4100 µF
Current carrying capacity	
• 24 V DC busbars	20 A
• DC link busbars	100 A
PE connection	M5 screw
Width	100 mm
Height	380 mm
Depth with spacer	270 mm
Net weight	7.3 kg
Certificate of suitability	cULus

Selection and ordering data

Description	Article No.
SINAMICS Capacitor Module in booksize format	6SL3100-1CE14-0AA0
Internal air cooling, incl. spacers	
Accessories for re-ordering	
Warning labels in 30 languages	6SL3166-3AB00-0AA0
This label set can be glued over the standard German or English labels to provide warnings in other languages. One set of labels is supplied with the devices. One sign in each of the following languages is provided in each set: BG, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, JP, KR, LT, LV, MT, NL, NO, PL, PT, RO, RU, SE, SI, SK, TR	