

SINAMICS S120 drive system

DC link components

Capacitor Modules in booksize format

Overview



Capacitor Modules are used to increase the DC link capacitance to bridge momentary power losses.

Capacitor Modules are connected to the DC link voltage via the integrated DC link busbars. Capacitor Modules function autonomously.

Several Capacitor Modules can be operated in parallel.

Design

Capacitor Modules feature the following interfaces as standard:

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

Technical specifications

Order No.	6SL3100-1CE14-0AA0
Product name	Capacitor Module
DC link voltage	510 ... 720 V DC
Capacitance	4000 µF
Current capacity	
• 24 V DC busbars	20 A
• DC link busbars	100 A
PE connection	On housing with M5 screw
Dimensions	
• Width	100 mm (3.94 in)
• Height	380 mm (15.0 in)
• Depth, with spacer (included in scope of supply)	270 mm (10.6 in)
Weight, approx.	7.2 kg (15.9 lb)

Selection and Ordering Data

Designation	Order No.
Capacitor Module	6SL3100-1CE14-0AA0

Accessories

Description	Order No.
Warning signs in foreign languages	6SL3166-3AB00-0AA0
This set of foreign language warning signs can be placed on top of the standard English or German signs. One sign in each of the following languages is provided in each set: Chinese, Czech, Danish, Dutch, Finnish, French, Greek, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Swedish and Turkish.	