

SINAMICS G120

Installation Instructions

6SL3252-0BB00-0AA0

Brake Relay

CONTACT	PROTECTION	CABLE	WEIGHT
NO	IP20	2.5 mm² max.	0.270 kg

Prepared from the exact Siemens product record and the applicable official Siemens manual. This guide does not replace the current controlled manufacturer instructions.

01 PRODUCT VERIFICATION

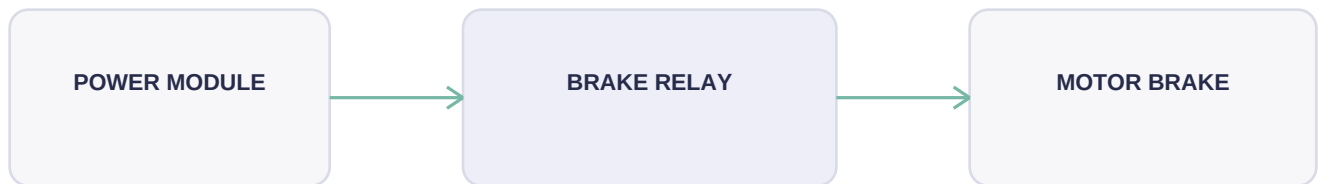
Article number	6SL3252-0BB00-0AA0
Product	Brake Relay
Family	SINAMICS G120
Product type	SINAMICS G120 Brake Relay
Contact	Normally open (NO)
Degree of protection	IP20
Maximum conductor cross-section	2.5 mm ²

02 BEFORE INSTALLATION

- Disconnect and lock out all power before work on the drive system.
- Mount the Brake Relay at the rear of the Siemens shield plate before installing the shield plate.

03 INSTALLATION SCHEMATIC

Functional installation reference - not to scale. Confirm final wiring and dimensions in the Siemens manual.



04 INSTALLATION SEQUENCE

01

Disconnect and lock out all power before work on the drive system.

02

Mount the Brake Relay at the rear of the Siemens shield plate before installing the shield plate.

03

Use the model-specific wiring diagram for the selected Power Module and motor brake.

04

Confirm conductor size, protective earth and relay contact loading before energization.

05 PRE-ENERGIZATION REVIEW

- ☐ Exact article number and configured system verified
- ☐ Mounting, clearances and environmental limits checked
- ☐ Protective earth, supply and communication wiring inspected
- ☐ Current Siemens manual and commissioning record retained

06

OFFICIAL DOCUMENTATION

Brake Relay / Safe Brake Relay Compact Hardware Installation Instructions (A5E02344645A AG)

[Open current Siemens manual](#)

[Open Siemens exact product record](#)

07

TECHNICAL HANDOVER

Record the installed article number, firmware or parameter set where applicable, network addresses, terminal connections, protective-device settings and functional test results. Retain the current controlled Siemens documentation with the machine file.

08

SUPPORT CONTACT

AMIKON PRODUCT SUPPORT

Amikon Limited

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM

Amikon Limited is an independent supplier and is not Siemens or an authorized Siemens representative.