

SINAMICS G120

Installation Instructions

6SL3255-0AA00-4CA1

Basic Operator Panel 2 (BOP-2)

DISPLAY 2-line LCD	PROTECTION IP55	OPERATION 0 to 50 C	WEIGHT 0.140 kg
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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

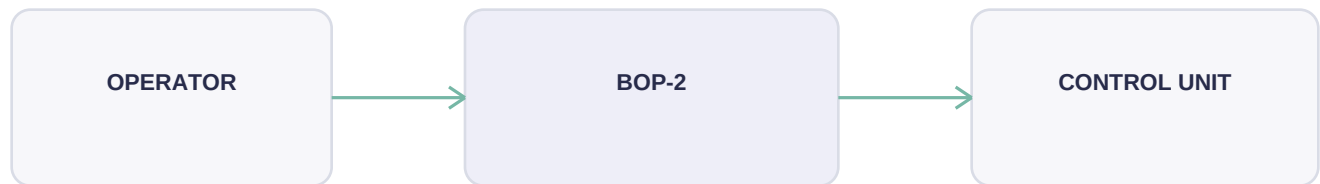
Article number	6SL3255-0AA00-4CA1
Product	Basic Operator Panel 2 (BOP-2)
Family	SINAMICS G120
Product type	Basic Operator Panel 2 (BOP-2)
Display	LCD, monochrome, 2-line
Degree of protection	IP55 / UL Type 12
Operating temperature	0 to 50 C

02 BEFORE INSTALLATION

- Place the connected drive in a safe, stable state before fitting or removing the operator panel.
- Align the BOP-2 with the Control Unit recess and press it into position without forcing the connector.

03 INSTALLATION SCHEMATIC

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



04 INSTALLATION SEQUENCE

01

Place the connected drive in a safe, stable state before fitting or removing the operator panel.

02

Align the BOP-2 with the Control Unit recess and press it into position without forcing the connector.

03

After power-up, allow the BOP-2 to detect the Control Unit and present the current operating state.

04

Retain parameter backups and commissioning records before replacing a Control Unit or changing firmware.

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

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OFFICIAL DOCUMENTATION

Basic Operator Panel 2 (BOP-2) Operating Instructions (A5E37143404B AA)

[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

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