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Overview



BOP-2 Basic Operator Panel

The Basic Operator Panel BOP-2 can be used to commission drives, monitor drives in operation and input individual parameter settings.

Commissioning of standard drives is easy with the menu-prompted dialog on a 2-line display. Simultaneous display of the parameter and parameter value, as well as parameter filtering, means that basic commissioning of a drive can be performed easily and, in most cases, without a printed parameter list.

The drives are easily controlled manually using directly assigned navigation buttons. The BOP-2 has a dedicated switchover button to switch from automatic to manual mode.

Diagnostics can easily be performed on the connected inverter by following the menus.

Up to two process values can be numerically visualized simultaneously.

BOP-2 supports standard commissioning of identical drives. For this purpose, a parameter list can be copied from an inverter into the BOP-2 and when required, downloaded into other drive units of the same type.

The operating temperature of the BOP-2 is 0 °C ... 50 °C (32 °F ... 122 °F).

Selection and ordering data

Description	Article No.
BOP-2 Basic Operator Panel	**6SL3255-0AA00-4CA1**
Accessories	
Door mounting kit For mounting an operator panel in control cabinet doors with sheet steel thicknesses of 1 ... 3 mm (0.04 ... 0.12 in) Degree of protection IP55 Included in the scope of delivery: • Seal • Mounting material • Connecting cable (5 m (16.4 ft) long, also supplies voltage to the operator panel directly via the inverter)	**6SL3256-0AP00-0JA0**

Benefits

- Shorten commissioning times – Easy commissioning of standard drives using basic commissioning wizards (setup)
- Minimize standstill times – Fast detection and rectification of faults (Diagnostics)
- Greater transparency in the process – The status display of the BOP-2 makes process variable monitoring easy (Monitoring)
- Direct mounting on the inverter (see also IOP-2)
- User-friendly user interface:
  - Easy navigation using clear menu structure and clearly assigned control keys
  - Two-line display

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Design (continued)

Description		Article No.
IOP-2 Intelligent Operator Panel Operating languages: English, German, French, Italian, Spanish, Portuguese, Dutch, Swedish, Finnish, Russian, Czech, Polish, Turkish, Chinese Simplified	NEW	**6SL3255-0AA00-4JA2**
IOP-2 Handheld Operator Panel	NEW	**6SL3255-0AA00-4HA1**
BOP-2 Operator Panel		**6SL3255-0AA00-4CA1**
Door mounting kit for IOP-2/BOP-2		**6SL3256-0AP00-0JA0**
Push-through mounting frame		
• For PM240-2 Power Modules degree of protection IP20, push-through variants		
- Frame size FSA		**6SL3260-6AA00-0DA0**
- Frame size FSB		**6SL3260-6AB00-0DA0**
- Frame size FSC		**6SL3260-6AC00-0DA0**
- Frame size FSD	NEW	**6SL3200-0SM17-0AA0**
- Frame size FSE	NEW	**6SL3200-0SM18-0AA0**
- Frame size FSF	NEW	**6SL3200-0SM20-0AA0**
Installation handles		
• For PM240-2 Power Modules – push-through variants		
- Frame sizes FSD to FSF	NEW	**6SL3200-0SM22-0AA0**
Memory card		
• SINAMICS SD card [1] 512 MB		**6SL3054-4AG00-2AA0**
Brake Relay		**6SL3252-0BB00-0AA0**
Safe Brake Relay		**6SL3252-0BB01-0AA0**
PC inverter connection kit 2		**6SL3255-0AA00-2CA0**

Description	Article No.
Shield connection kits	
• For PM240-2 Power Modules	
- Frame sizes FSA to FSC	Supplied with the Power Modules, available as a spare part
- Frame sizes FSD to FSF A set of shield plates is included in the scope of delivery for the motor and signal cables corresponding to the frame size.	
For the electromagnetically compatible connection of an optionally connectable braking resistor, the corresponding shield connection kit is to be ordered.	
- Frame size FSD	**6SL3262-1AD01-0DA0**
- Frame size FSE	**6SL3262-1AE01-0DA0**
- Frame size FSF	**6SL3262-1AF01-0DA0**
• For PM250 Power Modules	
- Frame size FSC	**6SL3262-1AC00-0DA0**
- Frame sizes FSD and FSE	**6SL3262-1AD00-0DA0**
- Frame size FSF	**6SL3262-1AF00-0DA0**
• For Control Units	
- For CU230P-2 HVAC and CU230P-2 DP	**6SL3264-1EA00-0FA0**
- For CU240E-2	**6SL3264-1EA00-0HA0**
- For CU230P-2 PN, CU240E-2 PN and CU240E-2 PN-F	**6SL3264-1EA00-0HB0**
- For CU250S-2	**6SL3264-1EA00-0LA0**
STARTER commissioning tool [2] on DVD-ROM	**6SL3072-0AA00-0AG0**
SINAMICS Startdrive commissioning tool [3] on DVD-ROM	**6SL3072-4DA02-0XG0**

[1] Approved for CU230P-2 HVAC and CU230P-2 DP Control Units with firmware version V4.6 and higher.

[2] STARTER commissioning tool is also available on the Internet at www.siemens.com/starter

[3] The SINAMICS Startdrive commissioning tool is also available on the Internet at https://support.industry.siemens.com/cs/document/68034568

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