

**SIEMENS**

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# SINAMICS IOP-2

Intelligent Operator Panel  
for SINAMICS G converters

[siemens.com/sinamics-accessories](https://www.siemens.com/sinamics-accessories)



**New design, packed with more functions!**  
IOP-2 – the new generation of  
Intelligent Operator Panels

Installation versions	<ul style="list-style-type: none"> <li>• Installation directly on the converter</li> <li>• Door mounting for operation outside the electrical cabinet</li> <li>• From a mobile, handheld device connected through a cable</li> </ul>
Accessories	<ul style="list-style-type: none"> <li>• SINAMICS IOP-2 door mounting kit IP55</li> <li>• SINAMICS IOP-2 handheld</li> <li>• RS232 connecting cable with optical interface</li> </ul>

Selection and ordering data	Article number
<b>SINAMICS IOP-2</b>	6SL3255-0AA00-4JA2
<p>The following languages are supported: German, English, French, Italian, Spanish, Portuguese, Dutch, Swedish, Russian, Czech, Polish, Turkish, Finnish, simplified Chinese</p>	
<b>SINAMICS IOP Door mounting kit</b>	6SL3256-0AP00-0JA0
<p>To install the IOP-2 in cabinet doors with sheet steel thicknesses of 1 to 3 mm. Includes seal, installation materials and connecting cable (5 m)</p>	
<b>SINAMICS IOP-2 handheld</b>	6SL3255-0AA00-4HA1
<p>To use the IOP-2 connected with SINAMICS G120, SINAMICS G120C, SINAMICS G120P, SINAMICS G110D, SINAMICS G120D, SINAMICS G110M or SIMATIC ET 200pro FC-2 as mobile device connected through a cable            Contents: IOP-2 (6SL3255-0AA00-4JA2), handheld housing, rechargeable batteries (4 x AA), charging unit (international), RS232 connecting cable (3 m), USB cable (1 m)</p>	
<b>RS232 connecting cable with optical interface</b>	3RK1922-2BP00
<p>To connect a SINAMICS G120D and ET 200pro FC-2 converter to an IOP-2 handheld operating device</p>	

## Intelligent Operator Panel IOP-2 for:

SINAMICS G120, SINAMICS G120C, SINAMICS G120P,  
SINAMICS G110D, SINAMICS G120D, SINAMICS G110M,  
SIMATIC ET 200pro FC-2

### IOP-2 color display

Display	High-contrast color display, various display options, resolution 320 x 240 pixels
Languages	German, English, French, Italian, Spanish, Portuguese, Dutch, Swedish, Russian, Czech, Polish, Turkish, Finnish, simplified Chinese

### IOP-2 operator panel

Operator panel	Membrane keypad with a central sensor control field
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### IOP-2 general

Dimensions (H x W x D)	106.86 mm x 70 mm x 19.65 mm
Degree of protection	IP20 when directly mounted on the converter IP55, UL type 12 enclosure: in conjunction with a door mounting kit or a SINAMICS G120P IP55
Ambient temperatures in operation	0 to 50 °C (32 to 122 °F) when directly mounted on the converter 0 to 55 °C (32 to 131 °F) with door mounting kit
Ambient temperature when transporting and storing	-40 to +70 °C (-40 to +158 °F)
Humidity	Relative humidity < 95 % non condensing
Conformance with standards	CE, RCM, cULus, EAC, KCC-REM-S49-SINAMICS being prepared

Color display, new functions and an even more functional design – with its new IOP-2, Siemens has made it easier and faster for you to commission SINAMICS G converters – and it is now even simpler to adapt the settings in operation. The new low-profile operator panel design and the integrated membrane keypad with a central control field are some of the features that really stand out.

## Highlights

### New device design

- Intuitive user interface – membrane keypad with a central sensor control field
- High-contrast color display with various display options
- IOP-2 device design, open for future expanded functionality (e.g. device functions, wizards, languages)
- Can be simply upgraded to a new function release via the USB port

### Commissioning

- SINAMICS G converters can be simply commissioned
- Converters can be quickly commissioned in series

### Operator control and visualization

- Simple, individualized local drive operation (start/stop, setpoint input, direction of rotation change)
- Flexible operating concepts with external operator panels can be simply implemented

### Diagnostics and support

- Simple diagnostics locally on site
- Product information, documentation, FAQs, contact partners can be quickly accessed via mobile devices (e.g. smartphones, tablets) using a two-dimensional code (data matrix/QR code) generated at the IOP-2
- Customer support can be directly contacted using a code generated at the IOP-2

**Published by  
Siemens AG 2017**

Digital Factory  
Motion Control  
P.O. Box 31 80  
91050 Erlangen, Germany

Article No.: E20001-Y490-P670-V1-7600

Printed in Germany

Dispo 21500

WÜ/1000173743 SB 11172.5

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