

# Operator panels

## SIMATIC HMI Accessories

### Memory media

#### Overview



Memory media

SIMATIC HMI memory media are suitable for industry and optimized for the requirements in industrial environments. Special formatting and write algorithms ensure fast read/write cycles and a long service life of the memory cells.

- Push Button Panels
- Operator Panels
- Touch Panels
- Multi Panels
- Comfort Panels
- Mobile Panels
- Industrial USB Hub

#### Technical specifications

	6AV6671-1CB00-0AX2 SIMATIC HMI MM memory card, 128 MB	6AV6671-8XB10-0AX1 SIMATIC HMI SD memory card, 512 MB	6AV2181-8XP00-0AX0 SIMATIC HMI SD memory card, 2 GB	6AV6574-2AC00-2AA1 SIMATIC HMI CF memory card, 512 MB	6ES7 648-0DC50-0AA0 SIMATIC IPC USB FLASH DRIVE, bootable, 8GB
<b>Installation type/mounting</b>					
Mounting in portrait format possible	Yes	Yes	Yes	Yes	Yes
Mounting in landscape format possible	Yes	Yes	Yes	Yes	Yes
<b>Supply voltage</b>					
Type of supply voltage	DC	DC	DC	DC	DC
Rated voltage/DC	3.3 V	3.3 V	3.3 V	3.3 V	5.5 V
<b>Input current</b>					
Current consumption (rated value)	60 mA	60 mA	60 mA	75 mA	60 mA
<b>Memory</b>					
Type of memory	Multi Media Card	Secure Digital memory card	Secure Digital memory card	CompactFlash memory CF type I	USB flash drive
Size	128 Mbyte	512 Mbyte	2 048 Mbyte	512 Mbyte	8 192 Mbyte
<b>Standards, approvals, certificates</b>					
CE	Yes	Yes	Yes	Yes	Yes
<b>Ambient conditions</b>					
Operating temperature					
• Operating temperature range, max.	50 °C	50 °C	50 °C	50 °C	55 °C
• Operating temperature range, min.	0 °C	0 °C	0 °C	0 °C	5 °C
Storage/transport temperature					
• Min.	-20 °C	-20 °C	-20 °C	-20 °C	-40 °C
• max.	60 °C	60 °C	60 °C	60 °C	70 °C
Relative humidity					
• max. relative humidity	90 %	90 %	90 %	90 %	85 %
<b>Mechanics/material</b>					
Type of housing (front)					
• Plastic	Yes	Yes	Yes	Yes	Yes

### Technical specifications (continued)

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<b>Dimensions</b>					
Width	24 mm	24 mm	24 mm	42.8 mm	16.7 mm
Height	32 mm	32 mm	32 mm	36.4 mm	59.1 mm
Thickness	2.1 mm	2.1 mm	2.1 mm	3.3 mm	7 mm
<b>Weight</b>					
Weight without packaging	3 g	3 g	3 g	10 g	12 g
<b>Scope of supply</b>					
Delivery unit in items	1	1	1	1	1
<b>other</b>					
Note:	for OP 77B, TP177B, OP 177B, TP 277, OP 277, C7-635, MP 177, MP 277, MP 377, Mobile Panel 177, Mobile Panel 277, Comfort Panel	for MP 177, MP 277, MP 377 and Mobile Panel 277, WinCC flexible 2008 SP1 and higher for OP 77, TP/OP 177, TP/OP 277, Mobile Panel 177, with SD/MMC slot	For all Comfort Panels	for SIMATIC HMI Panels and IPCs with CF slot	for SIMATIC HMI devices with USB slot and SIMATIC IPC, with installed SIMATIC IPC BIOS Manager

### Ordering data

### Order No.

<b>SIMATIC HMI MM memory card 128 MB</b> For contents and matching devices, see Technical Data in the Mall	<b>6AV6671-1CB00-0AX2</b>
<b>SIMATIC HMI SD memory card 512 MB</b> For contents and matching devices, see Technical Data in the Mall	<b>6AV6671-8XB10-0AX1</b>
<b>SIMATIC HMI SD memory card 2 GB</b> For contents and matching devices, see Technical Data in the Mall	<b>6AV2181-8XP00-0AX0</b>
<b>SIMATIC HMI CF memory card 512 MB</b> For contents and matching devices, see Technical Data in the Mall	<b>6AV6574-2AC00-2AA1</b>
<b>PC card adapter for CF memory card</b> For contents and matching devices, see Technical Data in the Mall	<b>6AV6574-2AF00-8AX0</b>
<b>PC memory card, 512 MB</b> For contents and matching devices, see Technical Data in the Mall	<b>6AV6574-2AC00-2AF1</b>
<b>SIMATIC IPC USB flash drive 8 GB</b> For contents and matching devices, see Technical Data in the Mall	<b>6ES7648-0DC50-0AA0</b>
<b>SIMATIC memory module for Push Button Panel</b> For contents and matching devices, see Technical Data in the Mall	<b>6ED1056-1BA00-0AA0</b>

### Note:

For delivery units/amounts, see the technical data for the relevant product.

This catalog only includes accessories for current products. The complete range of accessories can be found in the Mall: <https://eb.automation.siemens.com> or on our SIMATIC Support pages: <http://support.automation.siemens.com>