

SIMATIC HMI TOUCH PANELS

Product Data Sheet

6AV6642-0BC01-1AX1

TP 177B operator panel

FUNCTION TP 177B operator panel	FAMILY SIMATIC HMI Touch Panels	ORIGIN Germany	WEIGHT 0.50 kg
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Siemens Simatic HMI 6AV6642-0BC01-1AX1 is a TP 177B operator panel for the SIMATIC HMI Touch Panels. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Design of display	STN
Screen diagonal	5.7 in
Number of colors	4; Blue levels
Horizontal image resolution	320 Pixel
Vertical image resolution	240 Pixel
MTBF backlighting (at 25 °C)	50 000 h
Control elements	Touch screen
Design as touch screen	Yes; analog, resistive
Type of connection for mouse/keyboard/barcode reader	USB / USB / USB
Mounting position	vertical

ADDITIONAL PRODUCT DATA

maximum permissible angle of inclination without external ventilation	35°
Type of supply voltage	DC
Current consumption (rated value)	0.24 A
Starting current inrush I _{st}	0.5 A ² ·s
Processor type	ARM, 200 MHz

OFFICIAL APPLICATIONS

- Filling and Packaging Operator Stations for Tp 177B Operator Panel: Production Visualization Systems Filling machine control panels Packaging line operator terminals
- Robot Cell and Transfer Line Stations for Tp 177B Operator Panel: Assembly Visualization Systems Robot cell operator consoles Body-transfer status terminals
- Pumping and Treatment Operator Stations for Tp 177B Operator Panel: Utility Visualization Systems Pump station control panels Treatment process operator terminals

SYSTEM COMPATIBILITY

Match 6AV6642-0BC01-1AX1 to the installed SIMATIC HMI Touch Panels, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product data sheet](#)

Manufacturer official PDF

AMIKON PRODUCT SUPPORT

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