

## 6AV6642-0DC01-1AX1

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6av6642-0dc01-1ax1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.11 kgs
<b>Interface Type</b>	profibus
<b>Component Specifications</b>	rs485
<b>Screen Size</b>	5.7 inches
<b>Display Type</b>	STN
<b>Resolution</b>	320 x 240 pixels
<b>Input Method</b>	Touch screen and membrane keyboard
<b>Interfaces</b>	RS422, RS485 (up to 12 Mbit/s), USB
<b>Memory</b>	2048 kbyte
<b>Supply Voltage</b>	24 V DC
<b>Dimensions</b>	243 x 212 x 45 mm
<b>Weight</b>	1 kg

### Description

The Siemens 6AV6642-0DC01-1AX1 is a 5.7-inch operator panel from the SIMATIC OP177B series, designed for industrial automation applications. It features a monochrome STN display with a resolution of 320 x 240 pixels, providing clear and reliable visual feedback. The panel offers both touch screen and membrane keyboard inputs, facilitating intuitive user interaction. Connectivity options include interfaces for RS422, RS485 (up to 12 Mbit/s), and USB, ensuring versatile communication with various industrial systems. Additionally, it supports a combined multimedia card/SD card slot, enhancing data storage and transfer capabilities. The device operates on a 24 V DC supply voltage and has a current consumption of 0.24 A, making it suitable for integration into diverse automation setups. Its compact dimensions (243 x 212 x 45 mm) and lightweight design (1 kg) allow for flexible installation in various environments. The 6AV6642-0DC01-1AX1 is compatible with WinCC flexible 2005 software, enabling customized configuration to meet specific operational requirements.