

## 6AV6642-0DC01-1AX0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6av6642-0dc01-1ax0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.23 kgs
<b>Component Specifications</b>	op177b
<b>Interface Type</b>	profibus
<b>Display Size</b>	5.7 inches
<b>Display Resolution</b>	320 x 240 pixels
<b>Communication Protocols</b>	MPI/PROFIBUS-DP, RS485, RS422, USB protocols
<b>Interfaces</b>	Printer interface, MMC card slot interfaces
<b>Configuration Software</b>	WinCC flexible 2005 software
<b>Operating Temperature Range</b>	0 to 50°C
<b>Backlight Lifespan</b>	50,000 hours
<b>Dimensions</b>	243 x 212 x 45 mm
<b>Weight</b>	1.08 kg

## Description

The Siemens 6AV6642-0DC01-1AX0 is an advanced operator panel from the SIMATIC series, designed to facilitate efficient human-machine interaction in industrial automation systems. This model features a 5.7-inch Super-Twisted Nematic (STN) display with a resolution of 320 x 240 pixels, optimized for touch input, ensuring clear and responsive user interface. It supports multiple communication protocols, including MPI/PROFIBUS-DP, RS485, RS422, and USB, enabling versatile connectivity options. The panel is equipped with a printer interface and an MMC card slot, allowing for flexible data management and storage solutions. Configurable with WinCC flexible 2005, it offers customizable control and monitoring capabilities tailored to specific industrial applications. The device operates within an ambient temperature range of 0 to 50°C and has a backlight lifespan of approximately 50,000 hours, ensuring durability and reliability in demanding environments. With a compact design measuring 243 x 212 x 45 mm and a weight of 1.08 kg, it is suitable for integration into various industrial settings where space and weight considerations are critical.