

## 6AV6645-0AC01-0AX0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6av6645-0ac01-0ax0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	1.81 kgs
<b>Display Type</b>	STN
<b>Display Size</b>	5.7 inches
<b>Screen Resolution</b>	320 x 240 pixels
<b>Number of Colors</b>	256
<b>Processor Type</b>	RISC 32-bit, 200 MHz
<b>Memory Type</b>	Flash/RAM
<b>Memory Size</b>	2048 kB
<b>Interface Type</b>	1 x RS422, 1 x RS485 (max. 12 Mbit/s)
<b>Protection Rating</b>	IP65
<b>Minimum Operating Temperature</b>	0°C
<b>Maximum Operating Temperature</b>	40°C
<b>Diameter</b>	254 mm

## Description

The Siemens 6AV6645-0AC01-0AX0 is a SIMATIC Mobile Panel 177 DP, designed for industrial automation applications requiring robust and versatile human-machine interface (HMI) solutions. This mobile panel features a 5.7-inch STN color display with a resolution of 320 x 240 pixels, offering clear and precise visual feedback. It includes integrated control elements such as an acknowledgment button, stop button, handwheel, key-operated switch, and illuminated pushbutton, enhancing operational efficiency and safety. Configurable with WinCC flexible Compact Version 2005 or higher, or TIA Portal V11 to V14, it ensures seamless integration into various automation systems. The panel operates within a temperature range of 0°C to 40°C and is housed in a durable enclosure with an IP65 protection rating, making it suitable for demanding industrial environments. Its compact dimensions of 254 mm in diameter and 58 mm in depth, along with a weight of approximately 1.81 kg, facilitate easy handling and installation. This mobile panel is ideal for applications requiring mobility and flexibility in controlling and monitoring industrial processes.