

6AV6645-0BC01-0AX0

Industrial automation components

Manufacturer	Siemens
Catalog number	6av6645-0bc01-0ax0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.33 kgs
Display Type	STN
Display Size	5.7 in inches
Screen Resolution	320 x 240 pixels
Color Number	256
Display Color	Colour
Communication Ports	1 (RS485);1 (EtherNet)
Memory Type	Flash/RAM
Memory Size	2048 kB kilobytes
Processor Type	32 Bit RISC
Processor Clock Speed	200 MHz
Security Level	IP65
Minimum Operating Temperature	0 °C

Description

The Siemens 6AV6645-0BC01-0AX0 is a SIMATIC Mobile Panel 177 PN designed for flexible and safe operation of industrial automation systems. This mobile panel features an integrated acknowledgment button, stop pushbutton, handwheel, keyswitch, and illuminated push-button, allowing precise and intuitive control of production processes. The device can be configured using WinCC flexible Compact Version 2005 or higher, as well as TIA Portal V11 to V14, providing compatibility with a wide range of automation environments. The panel is equipped with a 5.7-inch STN color display with a resolution of 320 x 240 pixels, offering clear and detailed visuals. It supports 256 colors and features an analog resistive touchscreen for user input. Connectivity options include one RS 485 interface and one Ethernet interface (RJ45), enhancing its compatibility with various industrial communication protocols. It is designed to support the PROFINET IO protocol, further integrating it into industrial networks and systems. Powered by a 32-bit RISC processor with a clock speed of 200 MHz, the panel includes both Flash and RAM memory components, with 2,048 bytes available for user data. The device operates within an ambient temperature range of 0 to 50°C and has a protection rating of IP65, ensuring durability in industrial environments. The panel's dimensions are approximately 31.10 x 31.30 x 16.90 cm, and it weighs 1.78 kg, making it suitable for mobile applications. This product is ideal for discrete manufacturing, industrial processes, energy and infrastructure, and robotics, providing a reliable interface for operators in various industrial settings.