

6AV6645-0CB01-0AX0

Industrial automation components

Manufacturer	Siemens
Catalog number	6av6645-0cb01-0ax0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.02 kgs
Display Type	TFT
Display Size	7.5 in inches
Screen Resolution	640 x 480 pixels
Processor Type	32-bit RISC
Memory Size	6 MB (User Data); 128 MB (Main)
Communication Ports	1 (RS422); 1 (RS485); 1 (Ethernet); 1 (USB)
PROFINET IO Support	Yes
Ambient Temperature Range	0°C to 40°C
Protection Rating	IP65
Dimensions	290 mm (Dia.) x 103 mm

Description

The Siemens 6AV6645-0CB01-0AX0 is a SIMATIC Mobile Panel 277, designed for industrial automation applications requiring a robust and versatile human-machine interface (HMI). This mobile panel features a 7.5-inch TFT display with a resolution of 640 x 480 pixels, providing clear and detailed visuals for operator interaction. It offers multiple communication interfaces, including RS422, RS485, Ethernet (RJ45), and USB, ensuring seamless integration with various industrial systems. The device is equipped with 6 MB of user data memory and 128 MB of main memory, supporting efficient operation and data handling. Powered by a 32-bit RISC processor, it delivers reliable performance for demanding tasks. With an IP65 protection rating, the panel is built to withstand harsh industrial environments, offering resistance to dust and water ingress. Operating within a temperature range of 0°C to 40°C, it maintains functionality in diverse conditions. The device measures 290 mm in diameter and 103 mm in height, making it suitable for various mounting configurations. Configurable with WinCC flexible Standard Version 2005 SP1 or higher, or TIA Portal V11 to V14, it provides flexibility in system integration. This mobile panel is ideal for applications requiring a durable and adaptable HMI solution in industrial settings.