

6AV6542-0CC10-0AX0

Industrial automation components

Manufacturer	Siemens
Catalog number	6av6542-0cc10-0ax0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.50 kgs
Voltage	24 V
Component Specifications	op270
Signal Level	24 V
Memory/Storage	2 MB
Signal Type	24

Description

The Siemens 6AV6542-0CC10-0AX0 is a 10.4-inch operator panel from the SIMATIC OP270 series, designed for efficient human-machine interaction in industrial automation systems. It features a high-resolution STN color display capable of rendering 256 colors, with a resolution of 640 x 480 pixels, ensuring clear and detailed visuals for operators. The panel is equipped with 2 MB of configuration memory, configurable with ProTool from version V6.0, facilitating seamless integration into existing systems. Connectivity options include two RS-232 ports, one RS-422 port, one RS-485 port supporting speeds up to 12 Mbit/s, and USB connectivity, enabling versatile communication with various industrial devices. Designed for vertical panel mounting, the 6AV6542-0CC10-0AX0 boasts an IP65-rated front panel, providing resistance against dust and water ingress, while the rear panel maintains an IP20 protection rating. This robust design ensures reliable operation in demanding industrial environments. The panel is powered by a RISC 32-bit processor, offering efficient processing capabilities for industrial applications. It operates on a 24 V DC supply voltage, with a permissible range from +20.4 V to +28.8 V DC, and has a rated current of 0.9 A. The display's backlighting has a Mean Time Between Failures (MTBF) of 60,000 hours, ensuring long-term operation. The 6AV6542-0CC10-0AX0 is certified by CE, UL, cULus, FM Div 2, ATEX Zone 2/22, and other international standards, ensuring compliance with industry regulations and safety standards. This makes it suitable for hazardous and critical industrial applications. With its comprehensive features and robust design, the Siemens 6AV6542-0CC10-0AX0 operator panel is an excellent choice for enhancing operational efficiency and reliability in industrial automation systems.