6AV6542-0CA10-0XA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6av6542-0ca10-0xa0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Display Size	5.7 inches
Display Resolution	320 x 240 pixels
Configuration Memory	2 MB
Communication Interfaces	RS-232, RS-422, RS-485, USB interfaces
Number of Function Keys	24 keys
Number of LED-Illuminated Function Keys	18 keys
Supply Voltage	24 V DC
Rated Current	0.6 A
Front Protection Rating	IP65 rating
Backlighting MTBF	40,000 hours

Description

The Siemens 6AV6542-0CA10-0AX0 is a 5.7-inch operator panel from the SIMATIC OP270 series, featuring an STN color display and 2 MB of configuration memory. Designed for industrial automation applications, it offers a user-friendly interface for machine control and monitoring.

The panel supports multiple communication interfaces, including RS-232, RS-422, RS-485, and USB, facilitating seamless integration into various automation systems. Its membrane keyboard includes 24 function keys, 18 of which are LED-illuminated, enhancing operational efficiency.

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The device operates on a 24 V DC supply voltage and has a rated current of 0.6 A. With a front protection rating of IP65, it is suitable for use in demanding industrial environments. The backlighting has an MTBF of approximately 40,000 hours, ensuring long-term reliability.

The panel is configurable with ProTool from version V6.0, allowing for tailored user interfaces to meet specific application requirements.

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