

6AV6642-0BA01-1AX1

Industrial automation components

Manufacturer	Siemens
Catalog number	6av6642-0ba01-1ax1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.33 kgs
Signal Type	24
Signal Level	24 V
Component Specifications	rs485
Interface Type	rs485

Description

The Siemens 6AV6642-0BA01-1AX1 is a 5.7-inch SIMATIC TP 177B Touch Panel designed for industrial automation applications. It features a 320 x 240 pixel STN color display capable of displaying 256 colors, providing clear and detailed visual feedback for operators. The device supports multiple communication protocols, including MPI, PROFIBUS DP, RS485, RS422, USB, and Ethernet (10/100), ensuring versatile connectivity within industrial networks. It is configurable with WinCC flexible 2005, allowing for customized user interfaces tailored to specific operational requirements. The touch panel is designed for vertical mounting and operates within a temperature range of 0°C to +50°C, with a maximum permissible angle of inclination of $\pm 35^\circ$ without external ventilation. The front panel has an IP65 degree of protection, making it suitable for use in harsh industrial environments. The device is powered by a 200 MHz ARM processor and offers 2,048 kbyte of user data memory, providing sufficient resources for complex applications. The Siemens 6AV6642-0BA01-1AX1 is an ideal solution for operators seeking a reliable and versatile human-machine interface for their industrial automation systems.