

6AV6642-0DA01-1AX0

Industrial automation components

Manufacturer	Siemens
Catalog number	6av6642-0da01-1ax0
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	0.44 kgs
Component Specifications	op177b
Interface Type	ethernet
Display Type	STN
Display Size	5.7 in
Screen Resolution	320 x 240 pixels
Color Number	256
Processor Type	32 Bit RISC
Processor Speed	200 MHz
Size	243 x 47 x 212.5 mm
Level of Security	IP65;IP20
Built-in Memory	2048 kB

Description

The Siemens 6AV6642-0DA01-1AX0, also known as the SIMATIC Panel OP177B, is a versatile human-machine interface (HMI) designed for industrial automation applications. It features a 5.7-inch STN display capable of displaying 256 colors with a resolution of 320 x 240 pixels, ensuring clear and detailed visual representation. The panel offers both touch and key input options, facilitating intuitive user interaction. Connectivity is robust, supporting MPI/PROFIBUS-DP protocols and equipped with interfaces including RS485, RS422, USB, Ethernet (RJ45), and a printer interface. Additionally, it includes a slot for a micro memory card (MMC), enhancing its storage capabilities. Configurable with WinCC flexible 2005 software, the OP177B allows for tailored user interface development to meet specific operational requirements. The device operates on a 24 V DC power supply and is designed for panel mounting, making it suitable for various industrial environments. Its dimensions are 243 x 212.5 x 47 mm, and it weighs approximately 1 kg, facilitating easy integration into existing systems. The OP177B has been discontinued, with its lifecycle ending on 01.10.2017, and has been succeeded by the model 6AV6642-0DA01-1AX1.