

6AV6644-0AA01-2AX0

Industrial automation components

Manufacturer	Siemens
Catalog number	6av6644-0aa01-2ax0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.72 kgs
Power	36 W
Cable Specification	800 × 600
Signal Type	24
Signal Level	24 V
Voltage	24 V
Current	1.8 A
Memory/Storage	12 MB

Description

The Siemens 6AV6644-0AA01-2AX0 is a 12-inch Touch Multi Panel from the SIMATIC MP 377 series, designed for industrial automation applications. It features a 12.1-inch color TFT display with a resolution of 800 x 600 pixels, providing clear and detailed visuals. The device operates on Windows CE 5.0 and offers 12 MB of configuration memory, configurable via WinCC flexible 2007 software. Connectivity options include one RS422 interface, one RS485 interface, two Ethernet (RJ45) ports, and two USB ports, facilitating versatile communication within automation systems. The front panel is rated IP65, NEMA 4, and NEMA 12 (when installed), ensuring durability in industrial environments. The rear panel has an IP20 rating. The device operates on a 24 V DC supply voltage, with a rated current of 1.5 A and a power consumption of 36 W. It supports protocols such as EtherNet/IP, MODBUS, PROFIBUS, and MPI, enhancing its compatibility with various industrial networks. The device is suitable for use in hazardous areas, including ATEX Zone 22 and FM Class I Division 2, and complies with certifications like CE, FM Class I Div. 2, cULus, EX-Zone 22, C-TICK, NEMA 4, and NEMA 12. The operating temperature range is 0°C to 50°C, with a storage temperature range of -20°C to 60°C, and it can withstand relative humidity up to 90% during operation.