Siemens

DATA SHEET

6AV3617-1JC20-0AX1

Industrial automation components

Manufacturer	Siemens
Catalog number	6av3617-1jc20-0ax1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.44 kgs
Signal Type	24
Voltage	24 V
Current	0.4 A
Memory/Storage	256 KB
Interface Type	profibus
Cable Specification	4 × 20
Signal Level	24 V

Description

The Siemens 6AV3617-1JC20-0AX1 is an operator panel from the SIMATIC HMI series, designed for seamless integration with SIMATIC S7 and M7 controllers. It features a monochrome LCD display with LED backlighting, offering 4 lines of 20 characters or 8 lines of 40 characters, ensuring clear and efficient operator interaction. The panel is equipped with 24 programmable function keys, 16 of which have integrated LEDs, facilitating intuitive control and monitoring. Connectivity is robust, with interfaces including 2 x RS232, 1 x RS422, and 1 x RS485, supporting data rates up to 1.5 Mbit/s, suitable for PROFIBUS-DP communication. Powered by a 24 V DC supply voltage, it operates with a current consumption of 0.34 A and a typical power input of 10 W. The device is housed in a compact enclosure measuring 240 x 204 x 54 mm and weighs approximately 960 grams, making it suitable for various industrial environments. This operator panel is UL/CSA-listed, ensuring compliance with international safety standards. Its user-friendly membrane keyboard allows for numeric and hexadecimal input, with user-definable labels for the membrane keys, enhancing customization and usability. The Siemens 6AV3617-1JC20-0AX1 is an ideal solution for applications requiring reliable and efficient human-machine interface capabilities in industrial automation systems.