

Allen-Bradley 2711P-B10C4D8 Manual

Brand	Allen-Bradley
Product Series	2711P
Product Type	PanelView Plus 6 1000 Operator Terminals

Description

The Allen-Bradley 2711P-B10C4D8 is a Panelview Plus 6 1000 Operator Terminal. This operator terminal is powered by an external 18-32VDC supply voltage and has a 10.4-inch colored display with embedded Ethernet, RS232, USB communication ports. This operator terminal has a keypad and touchscreen input interface. Technical specifications for 2711P-B10C4D8

Backlight 100,000 hr LED backlight life

Display Size 10.4 inches

Brand Allen-Bradley

Manufacturer: Rockwell Automation

Product Family: PanelView Plus 6 Operator Terminals

Product Type: PanelView Plus 6 1000 Operator Terminals

Operator Input: Keypad / Touch

Display Type: Color active matrix, thin-film transistor (TFT) with liquid crystal display (LCD)

Lifecycle status: End of life

Display Area: 210 x 131 mm (8.27 x 5.17 in.)

Resolution: 640 x 400

Keypad: 1 million presses

Keypad function keys: F1 to F16, K1 to K16; 0...9, Special Characters, Backspace, Enter, Left and Right Tab, keys, Shift keys

Touch: Analog Resistive

Internal memory: 512MB Flash Memory / 512 MB Random Access Memory

Integrated ports: Ethernet, RS-232, ControlNet, 1 USB host

Input Voltage range: 18-32VDC

Part Number/Catalog No. 2711P-B10C4D8

Product Line Panelview 6 Plus

Display Color Color

Input Type Keypad/Touchscreen

Communication Ethernet and RS-232

Input Power 18-32 VDC

Memory 512 MB RAM

Communication Cable 2711-NC14

Shipping Weight 8 lbs.

Shipping Dimensions 16 x 14 x 8 in

Series Series A and Series B

UPC 10612598876706 Description

The PanelView Plus 6 1000 operator terminal with catalog number 2711P-B10C4D8 is an operator terminal with enhanced capabilities. It comes with a 10.4-inch colored display screen, dual input interface and variety of communication interfaces. This electronic device is also called a Human Machine Interface device (HMI) used to provide real-time view and control of the control system.

The 2711P-B10C4D8 comes with an Ethernet communication port for exchanging data with Programmable Logic Controllers (PLC), Programmable Automation Controllers (PAC), gateways, converters and 3rd party devices. Ethernet protocol allows this device to

connect a network of Ethernet I/P enabled devices. Similarly, the embedded RS232 serial interface may be used in peer-to-peer connection via DF1 protocol. This interface is designed for short distance communication, ideally not more than 15 meters. The USB ports may be used to connect USB compatible mouse, keyboard even storage devices.

This operator terminal may be operated through the embedded keypad assembly which is composed of function, numeric and navigation keys. Alternatively, operator may also control the system via the analog resistive touch screen interface. Both these interface are designed to operate up to 1 million actuations.

The 2711P-B10C4D8 comes with a Random Access Memory (RAM) amounting to 512MB and non-volatile memory of 512MB as well. Application files, logs, user manuals and other files may be stored in the non-volatile memory. This operator terminal is powered by supplying with an external voltage supply of 18-32VDC.

The 2711P-B10C4D8 terminal has a 10.4-inch active-matrix TFT display which has an analog touchscreen and a stainless-steel keypad for input. The keypad contains numeric, navigation, and function keys. The resolution is 640 x 480 with 18-bit color graphics. The 2711P-B10C4D8 has 512 MB each of RAM and nonvolatile memory for user data storage. It weighs 8 lbs. and has dimensions of 16 x 14 x 8 inches. It requires an input voltage of 18 - 32V DC (24V DC nominal) with 70 W of maximum power consumption. The 2711P-B10C4D8 uses Ethernet and RS-232 serial ports and it has optional DH+, DH-485, and ControlNet modules for further communication. It contains 2 USB ports for connecting external devices like mice, keyboards, printers, and flash drives. Additional features include a secure digital card for data backup and a battery-backed real-time clock for timestamping critical data. The 2711P-B10C4D8 is superior to its predecessors in the areas of speed, transition rate, system memory, storage space, and backlight illumination.

Technical Specifications

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www.AutoDCSTech.com

Communication Cable 2711-NC14

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