

Allen 2711P-RDK15C PanelView Plus Display Module

Basic Information

- Place of Origin: Germany
- Brand Name: Allen Bradley
- Certification: CE
- Model Number: 2711P-RDK15C
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 15,10 x 15,40 x 4,60
- Delivery Time: 10-12Days
- Supply Ability: 100



Product Specification

- Processor: ARM Cortex-A8 800 MHz
- Power Consumption: 10W
- Certifications: UL, CUL, CE, C-Tick, KCC
- Operating Temperature: 0-55°C
- Memory: 128 MB RAM, 128 MB Flash
- Operating System: Windows CE 6.0
- Input Voltage: 18-30V DC
- Touchscreen Type: Analog Resistive
- Display Resolution: 480 X 272 Pixels
- Protection Rating: IP65
- Communication Ports: Ethernet, USB, RS-232, RS-485
- Display Size: 4.3 Inches
- Storage Temperature: -20-70°C

Product Description

Allen 2711P-RDK15C PanelView Plus Display Module

Understood, let's take a look at the details of the Allen-Bradley 2711P-RDK15C PanelView Plus Display Module:

1. Product Name:

- Allen-Bradley 2711P-RDK15C PanelView Plus Display Module

2. Description:

- The 2711P-RDK15C is a remote display module designed for use with the Allen-Bradley PanelView Plus series of HMI (human-machine interface) terminals.
- It provides an additional large-format display and input interface that can be integrated with the PanelView Plus system.

3. Key Features:

- 15-inch color TFT LCD display
- Resolution of 1024 x 768 pixels (XGA)
- 16 function keys with LED indicators
- Integrated touchscreen for user input
- Compact and rugged design for industrial environments

4. Applications:

- The 2711P-RDK15C PanelView Plus Display Module is primarily used to extend the display and input capabilities of PanelView Plus HMI systems, especially for applications requiring larger screen sizes.
- It is suitable for a variety of industrial automation and control applications, such as:
- Supervisory control and monitoring of complex processes
- Visualization of detailed process data and trends
- Operator interface for large-scale industrial equipment

5. Connectivity:

- The 2711P-RDK15C module connects to the PanelView Plus HMI terminal through a dedicated communication interface.
- This integration allows the remote display module to be seamlessly incorporated into the HMI system, providing additional large-format display and input functionality.

6. Capabilities:

- 15-inch color TFT LCD display with XGA resolution (1024 x 768 pixels)
- 16 function keys with LED indicators for user input
- Integrated touchscreen for enhanced interaction
- Compact and rugged design for industrial environments

7. Compatibility:

- The 2711P-RDK15C PanelView Plus Display Module is designed to be compatible with the Allen-Bradley PanelView Plus series of HMI terminals.

- It can be integrated with various PanelView Plus models to extend the display and input capabilities of the HMI system, particularly for applications requiring a larger screen size.

The 2711P-RDK15C PanelView Plus Display Module is a high-performance accessory that enhances the functionality of Allen-Bradley's PanelView Plus HMI systems. With its 15-inch color TFT LCD display, 16 function keys with LED indicators, and integrated touchscreen, the module provides a large-format display and expanded input capabilities to the HMI system. This remote display module is designed for easy integration with PanelView Plus terminals, allowing users to extend the HMI interface to remote locations or provide supplementary input and output options for their industrial automation and control applications that require a larger visual interface.

The compact and rugged design of the 2711P-RDK15C ensures that it can withstand the challenging conditions often found in industrial environments, making it a reliable and durable component of the HMI solution.

Overall, the 2711P-RDK15C PanelView Plus Display Module is a valuable addition to the PanelView Plus HMI system, offering a large-format display and expanded input options to enhance operator interaction and control in complex industrial automation and control applications.

Please let me know if you have any other questions!

Mechanical

Width	469 mm
Height	330 mm
Depth	65 mm
Weight, approx	4.6 kg
Cutout dimensions	305 x 419 mm

Electrical

Number of pixels, vertical	768
Number of pixels, horizontal	1024
Display size	15 inch
Luminance	300 cd/m2 (Nits)
Input voltage	85...264V AC
Backlight	CCFL, 50000 hours life, minimum
Operator input	Keypad
Power consumption	70 W max (2.9 A at 24V DC), 39 W typical (1.6 A at 24V DC)
Operating force, keypad	340 g
Line frequency	47 Hz
Remote power input voltage	85...264V AC
Remote power consumption	120VA maximum
External CompactFlash storage	512 MB maximum
PCI slot available power supply, max	11 W DC, 5 W AC
Touch screen	Analog resistive
Actuation rating, keypad	1 million presses
LED indicators	COMM (Green), fault (Red)
Battery life	4 year minimum at 25 °C (77 °F)
Keypad function keys	Function keys, numeric and navigation

Clock	Battery-backed, +/-2 minutes per month
Application flash memory	20 MB for logic modules, series A to D
Display type	Color active matrix, thin-film transistor (TFT) with liquid crystal display (LCD)
Environmental	
Operating temperature	0 °C
Nonoperating temperature	-25 °C
Shock	Operating: 15 G at 11 ms
Degree of protection (IP)	IP65
Altitude, operating	2000 m
List of degrees of protection (IP)	IP54, IP65
Heat dissipation	240 BTU/hr
Relative humidity	5...95% without condensation
Enclosure rating	NEMA Type 12, 13, 4X (Indoor use only), IP54, IP65
Vibration	10...57 Hz, 0.012 peak-to-peak displacement, 57...500 Hz, 2 G peak acceleration



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