Rockwell Automation

Allen-Bradley
by ROCKWELL AUTOMATION

Catalog #: 2711P-T10C4D8

PanelView Plus Terminal

Lifecycle status: DISCONTINUED

Rockwell Automation announces that as of December 30, 2021, the PanelView Plus Terminal will be discontinued and no longer available for sale. Customers are encouraged to remove references to the affected product(s).

Discontinued Date:	December 30, 2021
Replacement Category:	Engineering Replacement
Replacement Product:	2711P-T10C22D9P
	[ ]

Technical Specifications

Electrical

Number of HW-interfaces industrial Ethernet	1
Number of HW-interfaces RS-232	1
Number of HW-interfaces RS-422	1
Number of HW-interfaces USB	2
Number of password levels	2
Voltage type of supply voltage	DC
Number of online languages	67
Suitable for safety functions	No
Supporting protocol for TCP/IP	No
Supporting protocol for Modbus	No
Supporting protocol for Data-Highway	No
With colour display	Yes
Number of pixels, vertical	480
With numeric keyboard	No
With alpha numeric keyboard	No
With message indication	Yes
With message system (incl. buffer and confirmation)	Yes

Process value representation (output) possible	No
Process default value (input) possible	No
With recipes	No
With printer output	Yes
Additional software components, loadable	Yes
Supporting protocol for EtherNet/IP	No
Screen diagonal	10.4 inch
Number of pixels, horizontal	640
Useful project memory/user memory	79000 MB
Supply voltage DC	18 V
Touch technology	Resistive touch
Display size	10.4 inch
Luminance	300 cd/m2 (Nits)
Operator input	Touch
Power consumption	70 W max (2.9 A at 24V DC), 39 W typical (1.6 A at 24V DC)
Display type	Color active-matrix TFT
Memory	512 MB RAM, 512 MB nonvolatile memory, (approx. 79 MB free user memory)
Touch screen	8-wire analog resistive
Operating system	Windows CE 6.0 operating system without extended features
Backlight	CCFL, 50000 hours minimum at 25 $^\circ$ C (77 $^\circ$F) field replaceable
Recommended external power supply	Cat. No. 1606-XLE120E, safety extra low voltage (SELV) or protected extra-low voltage (PELV) power supply for 700...1500 DC-powered terminals
Software	FactoryTalk View Machine Edition software, version 6.0 or later, FactoryTalk ViewPoint software, version 1.2 or later
Input voltage	24V DC nominal
Battery (real-time clock)	Battery-backed clock timestamps critical data, accuracy is ±2 minutes per month
Communication ports	Ethernet (10/100 Mbps, Auto-MDI/MDI-X), RS-232, (2) USB host, Network interface for optional Ethernet, DH+/DH-485, or ControlNet (scheduled or unscheduled) communication module
Supporting protocol for LON	No
Supporting protocol for ASI	No

Supporting protocol for PROFIBUS	No
Supporting protocol for CAN	No
Supporting protocol for INTERBUS	No
Supporting protocol for KNX	No
Supporting protocol for DeviceNet	No
Supporting protocol for SUCONET	No
Supporting protocol for other bus systems	No
Supporting protocol for SERCOS	No
Supporting protocol for INTERBUS-Safety	No
Radio standard Bluetooth	No
Radio standard Wi-Fi 802.11	No
IO link master	No
Supporting protocol for AS-Interface Safety at Work	No
Supporting protocol for DeviceNet Safety	No
Supporting protocol for Foundation Fieldbus	No
Supporting protocol for PROFINET CBA	No
Supporting protocol for PROFINET IO	No
Supporting protocol for PROFIsafe	No
Supporting protocol for SafetyBUS p	No
Radio standard GPRS	No
Radio standard GSM	No
Radio standard UMTS	No
With SW interfaces	Yes
Type of display	TFT
Touch screen, operating force	10 g
Touch screen, actuation	1 million presses
Battery life	4 year minimum at 25 °C (77 °F)
Battery replacement	Field-replaceable: cat. no. 2711P-RY2032 or equivalent CR2032 coin-cell lithium battery
External storage	Secure Digital (SD) card, cat. no.1784-SDx, supported by hot-swappable SD card slot, USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB host port

Mechanical

Built-in depth	55 mm
Width of the front	399 mm
Height of the front	248 mm
Wall mounting/direct mounting	Yes
Cutout dimensions	224 x 305 mm
Rail mounting possible	No

Environmental

Degree of protection (NEMA), front side	4X
Degree of protection (IP), front side	IP65
Operating temperature	0 °C
Heat dissipation	240 BTU/hr
List of degrees of protection (NEMA)	12, 13, 4X
Shock	Operating: 15 G at 11 ms
Enclosure rating	NEMA/UL Type 12, 13, 4X (indoor use only), and IEC IP54, IP65
Vibration	10...57 Hz, 0.012 peak-to-peak displacement, 57...500 Hz, 2 G peak acceleration
Relative humidity	5...95% noncondensing
Altitude, operating	2000 m
Nonoperating temperature	-25 °C
List of degrees of protection (IP)	IP54, IP65

Construction

Weight, approx	2.5 g
Display area	211 x 158 mm
Description	PanelView Plus 6 - 700 to 1500 terminals without extended features

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