Allen-Bradley
by ROCKWELL AUTOMATION

Catalog #: 2711P-K6C20A8

PanelView Plus 6 6" Color Keypad AC

Lifecycle status: DISCONTINUED

Rockwell Automation announces that as of September 30, 2021, the PanelView Plus 6 6" Color Keypad AC will be discontinued and no longer available for sale. Customers are encouraged to remove references to the affected product(s).

Discontinued Date:	September 30, 2021
Replacement Category:	No planned RA replacement

Technical Specifications

Electrical

Number of HW-interfaces industrial Ethernet	1
Number of HW-interfaces RS-232	1
Number of HW-interfaces USB	2
Number of password levels	2
Voltage type of supply voltage	AC
Number of function buttons, programmable	10
Number of online languages	20
Suitable for safety functions	No
Supporting protocol for TCP/IP	Yes
Supporting protocol for Modbus	No
Supporting protocol for Data-Highway	No
With colour display	Yes
Number of pixels, vertical	240
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	Yes
Process default value (input) possible	Yes
With recipes	Yes
With printer output	Yes
Additional software components, loadable	No
Supporting protocol for EtherNet/IP	Yes
Screen diagonal	5.7 inch
Number of pixels, horizontal	320
Useful project memory/user memory	73000 MB
Touch technology	None
Display size	5.7 inch
Keypad function keys	10 function keys (F1...F10)
Operator input	Keypad
Power consumption	35VA maximum, 20VA typical
Display type	Color active-matrix TFT
Memory	256 MB RAM, 512 MB nonvolatile memory, (approx. 73 MB free user memory)
Operating system	Windows CE 6.0 operating system without extended features and Microsoft Office file viewers
Backlight	White LED, Not replaceable, 25,000 hours minimum at 25 °C (77 °F)
Keypad description	Stainless-steel membrane, Numeric, navigation and function keys
Recommended external power supply	Cat. no. 1606-XLE120E, SELV or PELV isolated power supply for non-isolated 400 and 600 DC-powered terminals, 100...240V AC, 250VA max
Software	FactoryTalk view machine edition software, version 6.10 or later, FactoryTalk viewpoint software is not supported on the 400 and 600 terminals
Battery (real-time clock)	Battery-backed clock timestamps critical data, accuracy is ±2 minutes per month
Communication ports	RS-232, 1 USB host, 1 USB device port
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
Supply voltage AC 50 Hz	100 V
Supply voltage AC 60 Hz	100 V
Keypad, operating force	340 g
Brightness	440 cd/m2 (Nits)
Keypad, actuation	1 million presses
Battery life	4 year minimum at 25 °C (77 °F)
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	98 mm

Width of the front	266 mm
Height of the front	167 mm
Wall mounting/direct mounting	Yes
Cutout dimensions	142 x 241 mm
Rail mounting possible	No

Environmental

Degree of protection (NEMA), front side	4X
Degree of protection (IP), front side	IP66
Operating temperature	0 °C
Heat dissipation	85 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 IP66
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

Construction

Weight, approx	728 g
Display area	115 x 86 mm
Description	PanelView Plus 6 - 600 terminals without extended features