



B&R / POWER PANEL 200

4PP220.0571-45

Power Panel PP220 5.7-Inch Monochrome Touchscreen

Official-data product summary prepared for identification, configuration review and sourcing support.



DISPLAY	CONTROLLER	CONNECTIVITY
5.7-inch QVGA monochrome LCD with resistive touch	Geode SC2200 with Automation Runtime	Ethernet, RS232, USB and one aPCI slot

ORDER CHECK	Match the complete material number, stored project, CompactFlash contents, supply connector, installed aPCI option and panel opening before replacement.
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Controller, display and interfaces

Processor	Geode SC2200, 266 MHz
Main memory	64 MB SDRAM
SRAM	256 kB, battery-backed
Flash	2 MB for firmware
Bootloader	Automation Runtime
Display	Monochrome LCD, 5.7 in (144 mm), 8 gray levels
Resolution	QVGA, 320 x 240 pixels
Brightness / contrast	140 cd/m2 / 25:1
Touch screen	Analog resistive, Gunze; Hampshire serial 12-bit controller
COM1	RS232; 9-pin male DSUB; max. 115 kbit/s
Ethernet	1 port, 10/100 Mbit/s
USB	2 USB 1.1 Type A ports
CompactFlash	1 Type I slot
aPCI	1 slot

ELECTRICAL, ENVIRONMENTAL AND MECHANICAL

Installation limits

Nominal voltage	24 VDC +/-25%
Power consumption	Typical 12 W; maximum 17 W
Inrush current	Maximum 20 A for less than 1 ms
Front protection	IP65 / NEMA 250 type 4X
Rear protection	IP20 only with CompactFlash card connected
Operating temperature	0 to 50 degrees C
Storage / transport	-20 to 70 degrees C
Operating elevation	Maximum 3000 m
Dimensions	212 x 156 x 76 mm
Weight	1700 g
Certifications	CE; UKCA; cULus E115267 Industrial Control Equipment

Before commissioning or replacement

The 4PP220.0571-45 is the monochrome PP220 configuration. Similar material numbers can use a color display, different communication hardware or a different machine project and must not be treated as automatic substitutes.

Mandatory terminal selection

B&R lists 0TB103.9 as the screw-clamp 24 VDC connector and 0TB103.91 as the cage-clamp version. The required terminal block is ordered separately.

Project and storage continuity

Back up the validated Automation Runtime project and CompactFlash contents before hardware exchange. Record retained data, rear connections and the installed aPCI module.

Lifecycle and replacement

B&R maintains an official product record but does not publish a phase-out date or direct successor on that page. Current availability and replacement evidence are confirmed during quotation.

APTER POWER SUPPORT

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Inquiry preparation

Provide the complete nameplate, revision, project and storage details, rear photographs, quantity and destination.



Source basis

Technical content is based on the official B&R product record for 4PP220.0571-45 and the associated Power Panel 100/200 documentation references. No third-party technical source was used.

Important Notice: Other accessories, manuals, cables, calibration data, software, etc. are not included with this equipment unless listed in the stock item description. All prices are shown in USD.