

B&R INDUSTRIAL AUTOMATION

4PP045.0571-062

Power Panel PP45 5.7-inch Controller HMI

Verified technical specifications

Parameter	Official value
Display	5.7-inch color LCD
Resolution	320 x 240 pixels (QVGA)
Colors	512
Touchscreen	Analog resistive
Function keys	10
Application storage	CompactFlash Type I
Interfaces	Ethernet 10/100; X2X Link; 2 x USB 2.0
Protection	IP65 front; IP20 rear
Operating temperature	0 to 50 °C
Dimensions	20.3 x 14.5 x 5.5 cm
Weight	0.5 kg

Model-specific summary

B&R 4PP045.0571-062 is a 5.7-inch Power Panel PP45 controller HMI with QVGA resistive touch, Ethernet, X2X Link and USB connectivity.

4PP045.0571-062 selection and integration notes

Operation

- Ten function keys supplement the resistive touchscreen for frequent operator actions
- The 320 x 240 display supports 512 colors for compact HMI projects
- The front overlay and touch surface are intended for control-cabinet operation

Storage

- Application data is held on a CompactFlash Type I card
- The replacement card image must match the installed Automation Runtime project
- Power down the panel before removing or installing the CompactFlash card

Interfaces

- Ethernet 10/100 supports the documented network connection
- X2X Link connects compatible B&R I/O stations
- Two USB 2.0 ports support approved service devices and peripherals

Customer selection questions

What should be backed up before replacing B&R 4PP045.0571-062?

Create a verified image of the installed CompactFlash card and record the Ethernet, X2X Link, display and key configuration before removing the unit.

Can B&R 4PP045.0571-062 start without its CompactFlash card?

The application is stored on CompactFlash, so the correct card and image are required for the installed machine project.

Will any PP45 interface option fit B&R 4PP045.0571-062?

No. Match the exact optional interface module and project configuration documented for this PP45 hardware before ordering or installing it.

How should the touchscreen of B&R 4PP045.0571-062 be checked after replacement?

Verify calibration at all screen corners, confirm key assignments and test operator actions in a controlled machine state.