

5AP1130.185C-000

18.5-inch Full HD Automation Panel

B&R 5AP1130.185C-000 is a 18.5-inch Full HD Automation Panel. It performs the documented Control Panels system role in the approved industrial installation.

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	Control Panels
Part number	5AP1130.185C-000
Product role	Provides the documented 18.5-inch full hd automation panel function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm the panel cutout, PC electronics, cable set, touch calibration and visualization resolution before sealing and commissioning.

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5AP1130.185C-000

Technical Specifications

Technical values below are limited to the named B&R product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Display	18.5 inch TFT	Colors	16.7 million
Resolution	1920 x 1080	Brightness	40 to 400 cd/m2
Aspect ratio	16:9	Contrast	1000:1
Touch	Projected capacitive multi-touch	Protection	IP65 front; IP20 rear

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Control Panels
Primary system role	Provides the documented 18.5-inch full hd automation panel function
Connection boundary	Confirm the panel cutout, PC electronics, cable set, touch calibration and visualization resolution before sealing and commissioning.
Controlled acceptance duty	Control Panels system maintenance

ENGINEERING BOUNDARY

Confirm B&R 5AP1130.185C-000, Control Panels host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Pre-Installation Checks

- 1

Confirm the complete B&R 5AP1130.185C-000 marking and installed Control Panels position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	5AP1130.185C-000
Installed host	Control Panels
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

B&R 5AP1130.185C-000 is a 18.5-inch Full HD Automation Panel. It performs the documented Control Panels system role in the approved industrial installation.

FUNCTION 1
Provides the documented 18.5-inch full hd automation panel function

FUNCTION 2
Uses exact B&R article identity 5AP1130.185C-000

FUNCTION 3
Integrates with the matched Control Panels hardware

FUNCTION 4
Supports controlled diagnostics and functional verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Control Panels
2	1920 x 1080
3	Control Panels system maintenance
4	Confirm the panel cutout, PC electronics, cable set, touch calibration and visualization resolution before sealing and commissioning.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Control Panels
Interface role	Provides the documented 18.5-inch full hd automation panel function
Field / power context	The component is used with the exact carrier, terminal, power, signal and network arrangement approved for B&R 5AP1130.185C-000. Commissioning preserves the installed configuration and verifies controlled system response.
Commissioning evidence	Complete a controlled functional test and retain the acceptance result before production release.

Installation and Connection Checks

- 1

Verify display (18.5 inch TFT) against the installed project and connected hardware.
- 2

Verify resolution (1920 x 1080) and restore only the approved configuration.
- 3

Energize in the prescribed sequence and review module, host and network diagnostics.
- 4

Complete a controlled functional test and retain the acceptance result before production release.

MANUFACTURER SOURCE RECORD

B&R 5AP1130.185C-000 product data
B&R product record 5AP1130.185C-000

Applications and Engineering Context

Control Panels system maintenance

Restores the documented 18.5-inch full hd automation panel function in an engineered installation.

Control-panel modernization

Preserves the approved B&R hardware identity during a controlled system upgrade.

Installed-interface verification

Confirms the documented display and resolution before process release.

Controlled recommissioning

Verifies configuration, diagnostics and field response after maintenance or replacement.

TECHNICAL NOTE

Confirm the panel cutout, PC electronics, cable set, touch calibration and visualization resolution before sealing and commissioning.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	5AP1130.185C-000 recorded
Host / carrier	Control Panels
Physical interface	Provides the documented 18.5-inch full hd automation panel function
Configuration	Energize in the prescribed sequence and review module, host and network diagnostics.
Functional proof	Complete a controlled functional test and retain the acceptance result before production release.

IMPORTANT NOTICE

Confirm B&R 5AP1130.185C-000, Control Panels host, hardware revision, terminals and connectors, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	5AP1130.185C-000
Approved role	Control Panels system maintenance
Final validation	Complete a controlled functional test and retain the acceptance result before production release.

Engineering Precautions

- 1

Confirm the complete B&R 5AP1130.185C-000 marking and installed Control Panels position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record power, signal, network, terminal and protective-ground connections before removal.
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.
- 5

Verify display (18.5 inch TFT) against the installed project and connected hardware.
- 6

Verify resolution (1920 x 1080) and restore only the approved configuration.
- 7

Energize in the prescribed sequence and review module, host and network diagnostics.
- 8

Complete a controlled functional test and retain the acceptance result before production release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
B&R 80SD100XD.C0XX-21	Related industrial automation product	View B&R 80SD100XD.C0XX-21 page
B&R 7EX290.50-1	Related industrial automation product	View B&R 7EX290.50-1 page
B&R X20AI2237	Related industrial automation product	View B&R X20AI2237 page
B&R X20AT6402	Related industrial automation product	View B&R X20AT6402 page
B&R 7CP476.60-1	Related industrial automation product	View B&R 7CP476.60-1 page
B&R 7CP474.60-1	Related industrial automation product	View B&R 7CP474.60-1 page
B&R 8I0IF109.400-2	Related industrial automation product	View B&R 8I0IF109.400-2 page
B&R 8I0IF109.400-1	Related industrial automation product	View B&R 8I0IF109.400-1 page

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