5AP1130.185C-000

18.5-inch Full HD Automation Panel

Full HD graphical display and projected-capacitive touch input

PRODUCT SNAPSHOT

BRAND	**FAMILY**
B&R	B&R Automation Panel
PART	**ORIGIN / HS**
5AP1130.185C-000	Austria / 8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE
+86 180 3023 5313

EMAIL
sales13@apterpower.com

WEBSITE
www.apterpower.com

PRODUCT OVERVIEW

Full HD graphical display and projected-capacitive touch input

1. Uses an 18.5-inch Full HD display
2. Provides projected capacitive multi-touch
3. Offers 40-to-400 cd/m2 brightness
4. Protects the front surface to IP65

SYSTEM COMPONENTS

- compatible Panel PC 900 electronics
- control-cabinet cutout
- 24 V DC system supply
- Automation Runtime visualization project

TECHNICAL NOTE

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

TECHNICAL DATA

PARAMETER	VALUE
Display	18.5 inch TFT
Resolution	1920 x 1080
Aspect ratio	16:9
Touch	Projected capacitive multi-touch

PARAMETER	VALUE
Colors	16.7 million
Brightness	40 to 400 cd/m2
Contrast	1000:1
Protection	IP65 front; IP20 rear

ENGINEERING NOTE

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

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
KC4011X1-BZ1	Related industrial automation product	View KC4011X1-BZ1 page
KC4011X1-BW1	Related industrial automation product	View KC4011X1-BW1 page
KJ2201X1-BA1	Related industrial automation product	View KJ2201X1-BA1 page
3900-02-10	Related industrial automation product	View 3900-02-10 page
396P-02-12-55	Related industrial automation product	View 396P-02-12-55 page
396P-08-10-55	Related industrial automation product	View 396P-08-10-55 page
6SE7041-8HK85-1HA0	Related industrial automation product	View 6SE7041-8HK85-1HA0 page
6SL3200-0SP01-0AA0	Related industrial automation product	View 6SL3200-0SP01-0AA0 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Machine HMI station

Uses an 18.5-inch Full HD display

Multi-touch production console

Provides projected capacitive multi-touch

Panel PC modernization

Offers 40-to-400 cd/m2 brightness

Operator-panel replacement

Protects the front surface to IP65

PRODUCT PRECAUTIONS

1. Verify the full 5AP1130.185C-000 marking and its assigned B&R Automation Panel position before work.
2. Place the connected machine or process in the approved maintenance state.
3. Isolate the applicable supply and full hd graphical display and projected-capacitive touch input field energy before disconnecting conductors.
4. Record connector, conductor, address and software identities before removal.
5. Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.
6. Confirm the installed compatible Panel PC 900 electronics and control-cabinet cutout against the approved project.
7. Restore power in a controlled sequence and review device, network and host diagnostics.
8. Prove the intended machine hmi station function and retain the final test result.

ENGINEER FAQ

Q1 Does 5AP1130.185C-000 match compatible Panel PC 900 electronics in a Machine HMI station installation?

Verify the complete 5AP1130.185C-000 marking, the documented B&R Automation Panel position and the installed compatible Panel PC 900 electronics before fitting the assembly.

Q2 How should 5AP1130.185C-000 be wired when it must uses an 18.5-inch full hd display?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for 5AP1130.185C-000; then continuity-test the affected path.

Q3 Which B&R Automation Panel records should be captured before removing 5AP1130.185C-000?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with 5AP1130.185C-000 before disconnection.

Q4 What controlled test confirms that 5AP1130.185C-000 can provides projected capacitive multi-touch?

Apply the approved field or simulated stimulus, observe the B&R Automation Panel indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which control-cabinet cutout condition should be checked when 5AP1130.185C-000 reports an abnormal state?

Check the control-cabinet cutout supply, seating and connection first, then compare channel diagnostics with the recorded 5AP1130.185C-000 baseline.

Q6 Can 5AP1130.185C-000 be moved directly into Multi-touch production console without validating Automation Runtime visualization project?

No. Confirm the Automation Runtime visualization project, revision, connection scheme and B&R Automation Panel configuration before transferring 5AP1130.185C-000 to that duty.

Q7 What maintenance evidence is required after 5AP1130.185C-000 is used for Panel PC modernization?

Retain the nameplate record, corrective action, final diagnostics and a controlled panel pc modernization functional-test result for 5AP1130.185C-000.

Q8 How should 5AP1130.185C-000 be returned to service in Operator-panel replacement?

Restore power under control, verify offers 40-to-400 cd/m2 brightness, exercise the intended signal path and release 5AP1130.185C-000 only after the B&R Automation Panel remains in its approved operating state.

SOURCE B&R official product data sheet | B&R product data

+86 180 3023 5313 | sales13@apterpower.com | www.apterpower.com