



0AK300.1

B&R; Custom Automation I/O Board

Product scope

- The exact order identity fixes official-style model at 0AK300.1 within the B&R; Custom Hardware platform.
- The hardware path is defined by board-edge contacts, field connection points and host electronics unique to the machine project.
- Its intended duty is maintenance of custom B&R; automation equipment that retains the original 0AK300.1 assembly.
- a B&R; custom-hardware I/O printed-circuit board whose verified model uses a numeric zero: 0AK300.1

Official source basis

<https://community.br-automation.com/t/0ak810-and-0ak300-1-technical-data-manual/7885>

Technical facts are limited to the identified manufacturer documentation and the exact ordering configuration shown above.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	B&R; 0AK300.1	

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0AK300.1 technical profile

B&R; 0AK300.1 is the documented industrial i/o pcb in the B&R; Custom Hardware family. Customized for its exact configuration, official-style model is 0AK300.1, while common search form is OAK300.1.

This configuration serves maintenance of custom B&R; automation equipment that retains the original 0AK300.1 assembly. Rather than acting as a generic module, it provides the equipment-specific I/O or interface functions engineered for its original B&R; application through board-edge contacts, field connection points and host electronics unique to the machine project.

The replacement decision must resolve numeric-zero model spelling, board revision, host machine, electrical drawing, connector layout and software project. B&R; identifies 0AK300.1 as custom hardware without a public standard datasheet; require label and machine records for every replacement

Selection notice

0AK300.1 is custom B&R; hardware; replacement requires the board label, machine drawing and original software project.

Technical specifications

Official-style model	0AK300.1
Common search form	OAK300.1
Hardware category	Custom B&R; board
Board format	Industrial I/O PCB
Public standard datasheet	Not available
Application ownership	Machine-project specific
Connection method	Host-specific board interfaces
Measured size	28.6 x 7.8 x 2 cm
Measured mass	0.18 kg
Revision control	Board label and drawing
Software relationship	Project dependent
Replacement evidence	Complete machine documentation

Application and integration notes

Board Function	• The functional objective is to provides the equipment-specific I/O or interface functions engineered for its original B&R; application. • The official specification records official-style model as 0AK300.1, defining one performance boundary of this configuration. • System results depend on retaining board-edge contacts, field connection points and host electronics unique to the machine project and the host conditions used in maintenance of custom B&R; automation equipment that retains the original 0AK300.1 assembly.
Interoperability	• A valid system match depends on numeric-zero model spelling, board revision, host machine, electrical drawing, connector layout and software project. • The surrounding hardware must retain the connector, addressing and project relationships documented for the B&R; Custom Hardware installation. • A partial-number or cross-family substitution is acceptable only when official service information explicitly establishes equivalence with 0AK300.1 customer search variant.
Climate Range	• The industrial i/o pcb used in maintenance of custom B&R; automation equipment that retains the original 0AK300.1 assembly must remain within the environmental limits published for its complete B&R; Custom Hardware assembly. • The available official record lists application ownership as Machine-project specific; that limit must be interpreted for the exact order configuration. • Airflow, condensation control, contamination and transport protection must be reviewed for the site conditions in maintenance of custom B&R; automation equipment that retains the original 0AK300.1 assembly.

Request product documentation and quotation support

Send the complete label, system configuration, quantity and destination.



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