

ABB DRIVES

Product Data Sheet

3BHB004661R0001 KUC711 AE01 3BHB004791R0001

gate power supply unit

FUNCTION gate power supply unit	FAMILY ABB Drives	ORIGIN Switzerland	WEIGHT 4.6 kg
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ABB Drives 3BHB004661R0001 KUC711 AE01 3BHB004791R0001 is a gate power supply unit for the ABB Drives. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Input Voltage	24 V dc
Input Current	≤ 2 A @ 24 V
Propagation Delay	< 2 μs
Gate Outputs	24 × isolated
Operating Temp	−10 °C ... +60 °C
Storage Temp	−40 °C ... +85 °C
Humidity	5 – 95 % RH non-condensing
Exact Article Code	3BHB004661R0001 KUC711 AE01 3BHB004791R0001
Board Designation	KUC711 AE01 3BHB004791R0001
Product Family	ABB Drives

ADDITIONAL PRODUCT DATA

Component Type	Gate Power Supply Unit
Assembly Class	ABB PCB assembly
System Interface	ABB Drives control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors

OFFICIAL APPLICATIONS

- Operate the documented gate power supply unit: Use 3BHB004661R0001 KUC711 AE01 3BHB004791R0001 only in the ABB Drives equipment position identified by the installed hardware list. Match the complete ABB article code, board designation and electrical interface before work begins.
- Restore every recorded connection: Photograph connector keying, terminal references, cable routing, protective earth and adjacent assemblies for 3BHB004661R0001 KUC711 AE01 3BHB004791R0001. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHB004661R0001 KUC711 AE01 3BHB004791R0001, check power-up indications, controller or converter diagnostics and the affected control function. Record measured results and maintenance acceptance before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 3BHB004661R0001 KUC711 AE01 3BHB004791R0001 to the installed ABB Drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Drives documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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