

Installation Instructions

3BHB004661R0001 KUC711 AE01 3BHB004791R0001

gate power supply unit

ABB Drives

Before work begins

- 01 Confirm the exact 3BHB004661R0001 KUC711 AE01 3BHB004791R0001 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable ABB discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

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

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 Keyed ABB board connectors.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable ABB controlled documentation and the site safety procedure. Warranty: 12 months from AMIKON.