

Installation Instructions

3BHB005243R0117 KUC755AE117 3BHE007601R0001

controller module

ABB Drives

Before work begins

- 01 Confirm the exact 3BHB005243R0117 KUC755AE117 3BHE007601R0001 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

Model	KUC755AE117 / 3BHB005243R0117
Product Type	Controller Module
Power Supply Voltage	24V DC
Operating Temperature	0°C to +55°C
Storage Temperature	-20°C to +70°C
Humidity	Relative humidity 5% -95%
Exact Article Code	3BHB005243R0117 KUC755AE117 3BHE007601R0001
Board Designation	KUC755AE117 3BHE007601R0001
Product Family	ABB Drives
Assembly Class	ABB PCB assembly

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 Control and diagnostic signals.
- 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.