

ABB HIGH-POWER CONVERTERS

Product Data Sheet

3BHE003379R0004 UUC397 AE04

Converter control board

FUNCTION Converter control board	FAMILY ABB high-power converters	ORIGIN Switzerland	WEIGHT 1.1 kg
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ABB Drives 3BHE003379R0004 UUC397 AE04 is a Converter control board for the ABB high-power converters. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Converter control board
Product Family	ABB high-power converters
Primary Function	High-power converter electronics
Electrical Design	AE04 hardware revision
Signal or Power Path	Board-level command path
System Interface	Converter cabinet board slot
Mounting Arrangement	Plug-in control assembly
Configuration Reference	3BHE identity family
Replacement Control	Record wiring and companion hardware
Commissioning Check	Check diagnostics and controlled converter response

- Apply the converter control processing: Use 3BHE003379R0004 UUC397 AE04 for converter control processing only after confirming the documented ABB high-power converters hardware, interfaces and operating conditions.
- Document the UUC397 connector mapping: Record UUC397 connector mapping, connector orientation, adjacent assemblies and controlled settings before removing the installed Converter control board.
- Verify the power-stage functional test: Complete power-stage functional test with qualified personnel, review diagnostics and retain the final acceptance record before service release.

Match 3BHE003379R0004 UUC397 AE04 to the installed ABB high-power converters, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB manufacturer documentation](#)

<https://www.amikong.com/ABB-c37.html>