

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

3BHE003379R0004 UUC397 AE04

ABB Converter control board

01 PRODUCT IDENTIFICATION

Manufacturer	ABB
Exact model	3BHE003379R0004 UUC397 AE04
Product family	ABB high-power converters
Component class	Converter control board
Primary function	High-power converter electronics

02 CONFIRM THE ORDERED CONFIGURATION

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

03 PREPARATION AND SAFETY

Only qualified personnel should install 3BHE003379R0004 UUC397 AE04. Isolate every applicable energy source, prove a safe state, use ESD protection where required, and retain the controlled ABB instructions at the work location.

04

MODEL-SPECIFIC INSTALLATION WORKFLOW

1

VERIFY

Confirm the complete 3BHE003379R0004 UUC397 AE04 identity and ABB high-power converters application.

2

DOCUMENT

Record 3bhe identity family, adjacent hardware, labels and connections.

3

ISOLATE

Apply site lockout, discharge, absence-of-voltage and ESD controls appropriate to the equipment.

4

REMOVE

Support the Converter control board; release fasteners and connectors without forcing or distorting the assembly.

5

COMPARE

Match Board-level command path, interfaces, mechanical design and companion hardware.

6

INSTALL

Seat and retain the replacement evenly; restore documented wiring, shields, earth paths or mechanical covers.

7

COMMISSION

Check diagnostics and controlled converter response

MANUFACTURER DOCUMENT APPLICABILITY

The appended ABB manufacturer documentation provides the product-family identity, configuration, connection or service information used for this installation reference. Apply only the sections that match the exact installed hardware.

05 PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identity	Exact 3BHE003379R0004 UUC397 AE04 and manufacturer markings confirmed
Mechanical	3BHE identity family correctly seated and retained
Connections	Plug-in control assembly and documented interfaces restored
Configuration	Record wiring and companion hardware reviewed against the approved record
Functional test	Check diagnostics and controlled converter response
Documentation	Photos, settings, test results and replaced-part identity retained

06 CONTROLLED DOCUMENTS

ABB MANUFACTURER DOCUMENTATION

Source: <https://www.amikong.com/ABB-c37.html>. Use the manufacturer manual and the site-controlled drawings for terminal functions, torque values, firmware or software conditions, safety limits and final acceptance criteria.

DO NOT INFER UNDOCUMENTED VALUES

Do not infer compatibility, electrical ratings, terminal functions, replacement status or configuration from appearance or a partial model number.

AMIKON PRODUCT SUPPORT

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