

# Installation Instructions

**3BHB005688R0001**

industrial control board

ABB AC 800PEC

## Before work begins

- 01 Confirm the exact 3BHB005688R0001 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

|                     |                                        |
|---------------------|----------------------------------------|
| Exact Article Code  | <b>3BHB005688R0001</b>                 |
| Product Family      | <b>ABB AC 800PEC</b>                   |
| Component Type      | <b>Industrial Control Board</b>        |
| Assembly Class      | <b>ABB PCB assembly</b>                |
| System Interface    | <b>ABB AC 800PEC control interface</b> |
| Control Supply      | <b>Documented rack control supply</b>  |
| Connector Interface | <b>Keyed ABB board connectors</b>      |
| Installation Format | <b>Plug-in control board</b>           |
| Signal Domain       | <b>Control and diagnostic signals</b>  |
| Service Position    | <b>Documented rack slot</b>            |

## 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 Power-up diagnostics and function test.
- 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.