

Installation Instructions

3BHB006449R0002 857781

power supply unit

ABB AC 800PEC

Before work begins

- 01 Confirm the exact 3BHB006449R0002 857781 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

Analog Signal	0-10V
Input Voltage	3-phase 380-500V AC (45-65Hz)
Output 1 (+24V DC)	10A (240W)
Output 2 (+15V DC)	5A (75W)
Efficiency	≥92% (at full load)
Ripple Noise	<1% of rated output
Exact Article Code	3BHB006449R0002 857781
Board Designation	857781
Product Family	ABB AC 800PEC
Component Type	Power Supply Unit

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 Plug-in control board.
- 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.