

ABB AC 800PEC

Product Data Sheet

3BHE028761R1001

industrial control board

FUNCTION industrial control board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.24 kg
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ABB AC 800PEC 3BHE028761R1001 is a industrial control board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	3BHE028761R1001
Product Family	ABB AC 800PEC
Component Type	Industrial Control Board
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

ADDITIONAL PRODUCT DATA

Configuration Basis	Installed ABB hardware list
Replacement Basis	Exact article and board revision
Protective Check	ESD and protective-earth control
Commissioning Check	Power-up diagnostics and function test
Maintenance Identity	3BHE028761R1001 controlled service identity

OFFICIAL APPLICATIONS

- Stabilize distillation control with Industrial Control: For the coordinated operation of the columns, reboilers and reflux circuits, 3BHE028761R1001 performs its assigned control role as a industrial control board. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.
- Govern recipe mixing with Industrial Control process control: Across the mixers and ingredient skids, 3BHE028761R1001 provides its specified system function as a industrial control board. During recipe changeover, the system uses this function to sequence material transfers and equipment permissives, helping it preserve the verified batch state.
- Govern cooling-water circulation with Industrial Control: In the automation chain for the circulating pumps and heat exchangers, 3BHE028761R1001 handles its designated signal or control duty as a industrial control board. During controlled shutdown, the system uses this function to sequence redundant equipment around the operating unit, helping it keep heat rejection available to the process.

SYSTEM COMPATIBILITY

Match 3BHE028761R1001 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB AC 800PEC documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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