

ABB AC 800PEC

Product Data Sheet

3BHE028959R0101

industrial control board

FUNCTION industrial control board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.24 kg
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ABB AC 800PEC 3BHE028959R0101 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	3BHE028959R0101
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

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	3BHE028959R0101 controlled service identity

- Support product blending with Industrial Control: During operation of the component tanks and blend headers, 3BHE028959R0101 operates in its approved product-family role as a industrial control board. During blend correction, the system uses this function to adjust component addition from quality feedback, helping it bring the blend toward its release target.
- Regulate stock preparation with Industrial Control: For the coordinated operation of the pulp chests and refiners, 3BHE028959R0101 performs its assigned control role as a industrial control board. During grade change, the system uses this function to coordinate flow, consistency and equipment permissives, helping it deliver stable stock to the machine.
- Regulate aseptic filling with Industrial Control: Inside the fillers and container conveyors, 3BHE028959R0101 operates in its approved product-family role as a industrial control board. During line-speed ramp, the system uses this function to keep container flow synchronized with filling demand, helping it move accepted containers toward inspection.

Match 3BHE028959R0101 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB AC 800PEC documentation](#)

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

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