

ABB AC 800PEC

Product Data Sheet

3BHE037864R0101

industrial control board

FUNCTION industrial control board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.26 kg
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ABB AC 800PEC 3BHE037864R0101 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	3BHE037864R0101
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	3BHE037864R0101 controlled service identity

- Govern product blending with Industrial Control: In the automation chain for the component tanks and blend headers, 3BHE037864R0101 handles its designated signal or control duty 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.
- Govern aeration control with Industrial Control: During operation of the blowers and dissolved-oxygen loops, 3BHE037864R0101 performs its assigned control role as a industrial control board. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Route gas treatment during process upset process control: As part of the separators, contactors and regeneration skids, 3BHE037864R0101 performs its assigned control role as a industrial control board. During process upset, the system uses this function to stabilize vessel and regeneration conditions, helping it restore product specification after the disturbance.

Match 3BHE037864R0101 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>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM