

ABB AC 800PEC

Product Data Sheet

3BHT410082R0001

industrial control board

FUNCTION industrial control board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 2.36 kg
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ABB AC 800PEC 3BHT410082R0001 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	3BHT410082R0001
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	3BHT410082R0001 controlled service identity

OFFICIAL APPLICATIONS

- Monitor turbine auxiliary control with Industrial Control: In the automation chain for the lube-oil pumps and turning gear, 3BHT410082R0001 performs its assigned control role as a industrial control board. During unit run-up, the system uses this function to coordinate permissives and auxiliary equipment states, helping it support a stable transition to rated operation.
- Align pipeline pumping with Industrial Control: At the control layer of the mainline pumps and block valves, 3BHT410082R0001 handles its designated signal or control duty as a industrial control board. During equipment switchover, the system uses this function to align pump duty with pressure and flow demand, helping it maintain controlled movement through the line.
- Maintain clean-in-place transfer with Industrial Control: For the coordinated operation of the CIP supply and return headers, 3BHT410082R0001 supports the configured automation role as a industrial control board. During sanitation transition, the system uses this function to coordinate valve paths and pump availability, helping it complete sanitation without cross-routing product.

SYSTEM COMPATIBILITY

Match 3BHT410082R0001 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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