

ABB AC 800PEC

Product Data Sheet

3BHE014070R0101 PP C905 AE101

converter control board

FUNCTION converter control board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.25 kg
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ABB AC 800PEC 3BHE014070R0101 PP C905 AE101 is a converter control board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Power Supply	24 V DC ($\pm 10\%$)
Power Consumption	8-20 W (typical)
Operating Voltage	24 V DC nominal
Signal Levels	TTL, 0-10 V, 4-20 mA
Operating Temperature	0°C to +60°C
Storage Temperature	-40°C to +85°C
Humidity	5-95% RH (non-condensing)
Exact Article Code	3BHE014070R0101 PP C905 AE101
Board Designation	PP C905 AE101
Product Family	ABB AC 800PEC

ADDITIONAL PRODUCT DATA

Component Type	Converter 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

OFFICIAL APPLICATIONS

- Operate the documented converter control board: Use 3BHE014070R0101 PP C905 AE101 only in the ABB AC 800PEC equipment position identified by the installed hardware list. Match the complete ABB article code, board designation and electrical interface before work begins.
- Restore every recorded connection: Photograph connector keying, terminal references, cable routing, protective earth and adjacent assemblies for 3BHE014070R0101 PP C905 AE101. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE014070R0101 PP C905 AE101, check power-up indications, controller or converter diagnostics and the affected control function. Record measured results and maintenance acceptance before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 3BHE014070R0101 PP C905 AE101 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

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM