

ABB AC 800PEC

Product Data Sheet

3BHE013299R0001 LTC743C

amplifier board

FUNCTION amplifier board	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 0.44 kg
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ABB AC 800PEC 3BHE013299R0001 LTC743C is a amplifier board for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Voltage	±15V DC (±5%)
Power Consumption	<5W typical
Isolation Voltage	1500V AC
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C
Input Voltage Range	±10V
Current Output	0-20mA / 4-20mA
Gain Range	1 to 1000
Bandwidth	DC to 10kHz (-3dB)
Input Impedance	>1MΩ

ADDITIONAL PRODUCT DATA

Output Impedance	<100Ω
Common Mode Rejection Ratio (CMRR)	>80dB @ 60Hz
Noise Level	<10μV RMS (1Hz to 10kHz)
Exact Article Code	3BHE013299R0001 LTC743C
Board Designation	LTC743C

OFFICIAL APPLICATIONS

- Operate the documented amplifier board: Use 3BHE013299R0001 LTC743C 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 3BHE013299R0001 LTC743C. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE013299R0001 LTC743C, 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 3BHE013299R0001 LTC743C 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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