

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHE013299R0002 LTC743 CE02

power card

FUNCTION power card	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 0.35 kg
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ABB Advant OCS and Advant-800xA 3BHE013299R0002 LTC743 CE02 is a power card for the ABB Advant OCS and Advant-800xA. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Voltage Range	100-240 V AC
Max Inrush	25 A peak for 2 ms @ 230 V AC
Output 1 – Logic	24 V DC $\pm 1\%$, 2.5 A
Output 2 – Gate drivers	± 15 V isolated, 0.3 A
Output 3 – Brake IGBT	24 V, 0.2 A
Hold-up Time	≥ 20 ms @ 24 V / 2 A
Efficiency	87 % typ. @ 230 V AC, 2 A load
Operating Temperature	-40 °C to +70 °C
Storage Temperature	-40 °C to +85 °C
Relative Humidity	5-95 % RH non-condensing

ADDITIONAL PRODUCT DATA

Exact Article Code	3BHE013299R0002 LTC743 CE02
Board Designation	LTC743 CE02
Product Family	ABB Advant OCS and Advant-800xA
Component Type	Power Card
Assembly Class	ABB PCB assembly

OFFICIAL APPLICATIONS

- Operate the documented power card: Use 3BHE013299R0002 LTC743 CE02 only in the ABB Advant OCS and Advant-800xA 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 3BHE013299R0002 LTC743 CE02. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE013299R0002 LTC743 CE02, 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 3BHE013299R0002 LTC743 CE02 to the installed ABB Advant OCS and Advant-800xA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB ABB Advant OCS and Advant-800xA documentation](#)

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

AMIKON PRODUCT SUPPORT

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