

ABB ADVANT OCS AND ADVANT-800XA

Product Data Sheet

3BHE014185R0001 UUD148 AE01

voltage transducer control board

FUNCTION voltage transducer control board	FAMILY ABB Advant OCS and Advant-800xA	ORIGIN Switzerland	WEIGHT 1.25 kg
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ABB Advant OCS and Advant-800xA 3BHE014185R0001 UUD148 AE01 is a voltage transducer control board 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

Output Signal	4 – 20 mA
Accuracy	±0.5 % full scale
Resolution	16-bit
Isolation	2500 V AC
Operating Temperature	–25 °C ... +70 °C (derating > 55 °C)
Storage Temperature	–40 °C ... +85 °C
Humidity	5 % – 95 % RH non-condensing
Exact Article Code	3BHE014185R0001 UUD148 AE01
Board Designation	UUD148 AE01
Product Family	ABB Advant OCS and Advant-800xA

ADDITIONAL PRODUCT DATA

Component Type	Voltage Transducer Control Board
Assembly Class	ABB PCB assembly
System Interface	ABB Advant OCS and Advant-800xA control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors

OFFICIAL APPLICATIONS

- Operate the documented voltage transducer control board: Use 3BHE014185R0001 UUD148 AE01 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 3BHE014185R0001 UUD148 AE01. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE014185R0001 UUD148 AE01, 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 3BHE014185R0001 UUD148 AE01 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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