

Installation Instructions

3BHE014185R0001 UUD148 AE01

voltage transducer control board

ABB Advant OCS and Advant-800xA

Before work begins

- 01 Confirm the exact 3BHE014185R0001 UUD148 AE01 article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable ABB discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

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

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

- 01 Keyed ABB board connectors.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe controller, interface and equipment diagnostics..
- 05 Test the connected signal, network, motor or power function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable ABB controlled documentation and the site safety procedure. Warranty: 12 months from AMIKON.