

Installation Instructions

3AXD50000182992 ZCU-14

control unit

ACS880

Before work begins

- 01 Confirm the exact 3AXD50000182992 ZCU-14 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

External Power Input	24 V DC ($\pm 10\%$)
Channels	2 (AI1, AI2)
Voltage Input	0(2)...10 V, $R_{in} > 200\text{ k}\Omega$
Current Input	0(4)...20 mA, $R_{in} = 100\text{ }\Omega$
Output Range	0...20 mA
Load Resistance	$< 500\text{ }\Omega$
Frequency Range	0...500 Hz
Exact Article Code	3AXD50000182992 ZCU-14
Board Designation	ZCU-14
Product Family	ACS880

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.