

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ZINT-551

ABB Main interface board

01 PRODUCT IDENTIFICATION

Manufacturer	ABB
Exact model	ZINT-551
Product family	ABB ACS800 drives
Component class	Main interface board
Primary function	Drive interface electronics

02 CONFIRM THE ORDERED CONFIGURATION

Signal or Power Path	Internal drive connectors
System Interface	ACS800 inverter module position
Mounting Arrangement	Plug-in printed circuit board
Configuration Reference	Revision 551 hardware
Replacement Control	Record wiring and companion hardware
Commissioning Check	Run converter diagnostics under approved procedure

03 PREPARATION AND SAFETY

Only qualified personnel should install ZINT-551. Isolate every applicable energy source, prove a safe state, use ESD protection where required, and retain the controlled ABB instructions at the work location.

04

MODEL-SPECIFIC INSTALLATION WORKFLOW

1

VERIFY

Confirm the complete ZINT-551 identity and ABB ACS800 drives application.

2

DOCUMENT

Record revision 551 hardware, adjacent hardware, labels and connections.

3

ISOLATE

Apply site lockout, discharge, absence-of-voltage and ESD controls appropriate to the equipment.

4

REMOVE

Support the Main interface board; release fasteners and connectors without forcing or distorting the assembly.

5

COMPARE

Match Internal drive connectors, interfaces, mechanical design and companion hardware.

6

INSTALL

Seat and retain the replacement evenly; restore documented wiring, shields, earth paths or mechanical covers.

7

COMMISSION

Run converter diagnostics under approved procedure

MANUFACTURER DOCUMENT APPLICABILITY

The appended ABB manufacturer documentation provides the product-family identity, configuration, connection or service information used for this installation reference. Apply only the sections that match the exact installed hardware.

05 PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identity	Exact ZINT-551 and manufacturer markings confirmed
Mechanical	Revision 551 hardware correctly seated and retained
Connections	Plug-in printed circuit board and documented interfaces restored
Configuration	Record wiring and companion hardware reviewed against the approved record
Functional test	Run converter diagnostics under approved procedure
Documentation	Photos, settings, test results and replaced-part identity retained

06 CONTROLLED DOCUMENTS

ABB MANUFACTURER DOCUMENTATION

Source: <https://www.amikong.com/ABB-c37.html>. Use the manufacturer manual and the site-controlled drawings for terminal functions, torque values, firmware or software conditions, safety limits and final acceptance criteria.

DO NOT INFER UNDOCUMENTED VALUES

Do not infer compatibility, electrical ratings, terminal functions, replacement status or configuration from appearance or a partial model number.

AMIKON PRODUCT SUPPORT

Amikon Limited +86-18020776786 INFO@AMIKON.CN AMIKONG.COM