ABB ZINT-571 3AUA0000077333

Main circuit interface board

VERIFIED ENGINEERING FACTS / 9 distinct technical points

Board identity
ABB identifies 3AUA0000077333 as ZINT-571, a main circuit interface board. The offered item is the bare board.

Power-stage functions
The family overview assigns internal supply, gate driving, braking-chopper drive, ADC measurement and input-bridge interface functions to the ZINT board family.

Identification record
Record the complete drive type, frame, existing ZINT marking, ZCU version, fault log and parameter backup before removal.

Drive-family boundary
ABB groups ZINT-571 with the 380-500 V three-phase ACS880-01 drive family. This is drive-family context, not a standalone board input rating.

Replacement form
ABB distinguishes the bare-board identification code from the applicable rated spare-kit selection; retain the drive identity when requesting a replacement.

Post-exchange review
Inspect all connectors, restore the drive configuration, then check diagnostics and controlled function before release.

Control connection
ABB identifies a 37-pin D-sub connection from the ZINT-571 / ZINT-592 interface-board family to the ZCU control unit.

Auxiliary boundary
The same family overview assigns a main-fan interface to ZINT. Verify the installed frame and fan connection before replacement.

Isolation
Disconnect every supply and verify DC-link discharge under the applicable ACS880 hardware manual before touching the board.

Manufacturer references: ABB Hardware / Electronic Boards / PC Tool, 2021 | ABB 3AUA0000077333 catalog identity

Technical enquiry

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