ZINT-592 3AXD50000037931

Rated Interface Board

PUBLISHED IDENTITY

ABB ZINT-592 3AXD50000037931 is a pre-rated main-circuit interface board supplied for CCU-24 controlled ACS580, ACH580 and ACQ580 drive modules in frame sizes R8-R9. Its PU type and RatingID are preloaded for the ordered spare identity.

Technical snapshot

ABB article number	3AXD50000037931
Type designation	ZINT-592 WITH RATING CCU-24 SP
Product class	Main-circuit interface board
Rating state	PU type and RatingID preloaded
RatingID handling	Not changeable after supply
Control unit	CCU-24
Drive families	ACS580, ACH580 and ACQ580
Applicable module frames	R8-R9

Verified related ApterPower product pages

ABB DI811 3BSE008552R1

ABB TU831V1 3BSE013235R1

Engineering data

Official evidence organized for exact-model review

ABB article number	3AXD50000037931
Type designation	ZINT-592 WITH RATING CCU-24 SP
Product class	Main-circuit interface board
Rating state	PU type and RatingID preloaded
RatingID handling	Not changeable after supply

Control unit	CCU-24
Drive families	ACS580, ACH580 and ACQ580
Applicable module frames	R8-R9
CCU-24 manufacturing boundary	After manufacturing week 25/2017
Minimum published CCU-24 software	Version 2.03.0.4 or later

More verified ApterPower product pages

- ABB 07EB62R1 GJV3074342R1
- ABB 07KP60R101 GJV3074360R101
- ABB 07NG61R1 GJV3074311R1
- ABB 07PS62R2 GJV3074332R2
- ABB DSMB178 IN5730-1001-Y
- ABB CI545V01 3BSE011063R1

EVIDENCE BOUNDARY

Confirm ZINT-592 3AXD50000037931, the installed R8-R9 drive module, CCU-24 hardware date and software revision before replacement.

Applications and system role

Four distinct documented operating contexts

RATED SPARE RESTORATION

Restores the documented rated ZINT-592 interface identity in a matching CCU-24 drive installation.

R8-R9 DRIVE MODULE SERVICE

Supports controlled service work on the cited ACS580, ACH580 or ACQ580 module frame after exact configuration verification.

CCU-24 INTERFACE RENEWAL

Reinstates the main-circuit interface board while retaining the approved control-unit and drive-rating record.

LEGACY DRIVE MAINTENANCE

Provides an exact-article replacement path when the existing nameplate and RatingID record match 3AXD50000037931.

Integration control

The complete article number distinguishes this rated spare from the non-rated ZINT-592 service board. Before replacement, record the drive family, frame size, control-unit type, manufacturing date and CCU-24 software revision. The published compatibility boundary requires a CCU-24 manufactured after week 25 of 2017 with software version 2.03.0.4 or later; if the installation uses CCU-12, the control-unit conversion must be handled through an approved ABB service plan.

Verified related ApterPower product pages

ABB DSBC174 3BSE012211R1

ABB SR511 3BSE000863R1

Technical questions

Complete model-specific answers from the approved evidence set

What is ABB ZINT-592 3AXD50000037931?

ABB ZINT-592 3AXD50000037931 is a pre-rated main-circuit interface board supplied for a CCU-24 controlled drive module.

Which drive families list ZINT-592 3AXD50000037931 as a service board?

Published exact-code records associate ZINT-592 3AXD50000037931 with ACS580, ACH580 and ACQ580 modules in R8-R9 frames.

Does 3AXD50000037931 arrive with its rating information loaded?

The board is supplied with the PU type and RatingID preloaded for the ordered rated spare identity.

Can the RatingID on ZINT-592 3AXD50000037931 be changed later?

The published technical record states that the preloaded RatingID cannot be changed after supply.

Which CCU-24 revision boundary applies to this ZINT-592 board?

The stated compatibility boundary is a CCU-24 manufactured after week 25 of 2017 and running software version 2.03.0.4 or later.

What should be done when the installed drive still uses CCU-12?

An installation using CCU-12 requires an approved change to CCU-24 before ZINT-592 3AXD50000037931 can be applied within its published compatibility boundary.

Product precautions

Eight aligned controls before return to service

1. Record the complete ZINT-592 3AXD50000037931 marking and installed drive nameplate.
2. Place the drive and connected process in the approved safe maintenance state.
3. Verify that the control unit is CCU-24 rather than CCU-12 before board exchange.
4. Check the CCU-24 manufacturing week and software revision against the published boundary.
5. Preserve the original PU type, RatingID, drive family and R8-R9 frame record.
6. Inspect board connectors, retaining points and adjacent hardware before installation.
7. Confirm that the control unit recognizes the pre-rated interface without reprogramming its RatingID.
8. Complete the approved drive diagnostics and record acceptance results before release.

Verified related ApterPower product pages

- ABB 07DI92
- ABB 07KT92 GJR5250500R0902
- ABB 07KR91 GJR5250000R0101
- ABB 07KP90 GJR5251000R0202

Evidence and support

Manufacturer references, related products and direct contact

Manufacturer evidence used

- Exact-code product record for 3AXD50000037931 and the ZINT-592 WITH RATING CCU-24 SP identity.
- Independent exact-code catalog cross-check for the CCU-24 software, manufacturing-week and R8-R9 application boundaries.
- ABB drive-family service context for ACS580, ACH580 and ACQ580 control architectures.

Verified related ApterPower product pages

ABB SPAJ140C

ABB SPAM150C

ABB CMA130 3DDE300410

ABB PM864AK01 3BSE018161R1

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