01 / Product and system dashboard

ABB

ZMU-02 3AXD50000006010A

Memory Unit

Product role

ABB ZMU-02 3AXD50000006010A is offered as a removable drive memory unit for compatible ABB control-unit configurations.

Memory program
Host-specific configuration

>

Control unit
Program execution

>

Converter
Configured drive hardware

Engineering scope

The memory-unit role and maintenance relationships describe the ZMU-02 design. The offered 3AXD50000006010A marking is retained; firmware, license content and interchangeability require confirmation for the actual unit and host.

02 / Verified identity and technical relationships

Property	Applicable fact	Property	Applicable fact
Unit type	Removable drive memory	Listed host designs	ZCU-12, ZCU-14, BCU-02, BCU-12, BCU-22
Design family	ZMU-02	Diagnostic card distinction	Separate from the BCU SDHC data-logger card
Base reference	3AXD50000006010	Replacement state	Control unit unpowered
Offered marking	3AXD50000006010A	Mechanical retention	Retaining screw
BCU connection	X205 MEMORY UNIT	Program selection	Must match converter hardware and control application

Configuration boundary

The memory-unit role and maintenance relationships describe the ZMU-02 design. The offered 3AXD50000006010A marking is retained; firmware, license content and interchangeability require confirmation for the actual unit and host.

03 / Applications and system integration

Drive memory servicing

Match the removable memory program and configuration to the control unit and converter.

Control-unit replacement

Retain the correct program identity while planning an approved host replacement.

Program-content review

Establish loaded firmware and licensing from the actual unit before installation.

Diagnostic separation

Distinguish converter program memory from the separate BCU SDHC fault-data card.

Functional context

The base ZMU-02 host list includes ZCU-12, ZCU-14, BCU-02, BCU-12 and BCU-22. In BCU equipment, the converter memory connects at X205 and is separate from the SDHC card used for converter diagnostic data. Before installation, the memory-unit program label must match the converter hardware and intended control application.

04 / Service and installation decisions

Keep the full marking

Retain ZMU-02 and 3AXD50000006010A on the enquiry and service record.

Remove control power

Do not insert or withdraw converter memory while its control unit is powered.

Verify the program label

Match the control-program identity to the converter hardware.

Check software content

Confirm the actual firmware and application licensing before commissioning.

Review ACS880 replacement

Use ABB replacement guidance for the installed drive rather than assuming ZMU-02 interchangeability.

Secure and validate

Refit the retaining screw and verify drive initialization and configuration before release.

05 / Reference basis and related portfolio

Lifecycle and supply

A current manufacturer lifecycle phase has not been confirmed. Request current support and replacement guidance using the complete ZMU-02 3AXD50000006010A identity. Apter Power availability is confirmed separately in the quotation.

Reference basis

ABB ZMU-02 product information, 3AXD50000006010; BCU-02/12/22 Control Units Hardware Manual, 3AUA0000113605 Rev. D.

Apter Power technical summary; not a manufacturer-issued manual. Apply the original instructions for the actual installation.

Related industrial automation products

Navigation only; no substitution or compatibility claim.

ABB SAFT187CON

ABB SDCS-IOB-22 3BSE005177R1

ABB CDP312R

Discuss your installed configuration

Send the full unit marking and connection details.

sales13@apterpower.com | +86 18030235313