CI867K01 3BSE043660R1

Exact-identity installation and commissioning guide

PRODUCT SCOPE

ABB CI867K01 3BSE043660R1 is an AC 800M Modbus TCP interface package containing the two-channel CI867 communication interface and TP867 baseplate. It connects an AC 800M controller to external Ethernet devices through Modbus TCP.

Verified installation basis

Product family	AC 800M communication interfaces
Package designation	CI867K01
ABB article number	3BSE043660R1
Package contents	CI867 communication interface and TP867 baseplate
Interface channels	2
Protocol	Modbus TCP
Channel 1	10/100Base-TX over RJ45

Verified related ApterPower product pages

ABB DI811 3BSE008552R1

ABB TU831V1 3BSE013235R1

Pre-work control

Record the installed system before any disconnection

Required checks

- Record the complete ABB CI867K01 3BSE043660R1 identity and CEX-Bus position.
- Place the controller, process and connected Ethernet equipment in the approved maintenance state.
- Back up the AC 800M hardware configuration, IP settings and Modbus TCP assignments.
- Label both RJ45 links and record their switch ports, channel roles and redundancy state.
- Verify that the keyed TP867 baseplate and CI867 interface match the documented installation.
- Inspect CEX-Bus contacts, cable shielding and connector latches before seating the package.

HOLD POINT

Confirm the complete CI867K01 3BSE043660R1 identity, TP867 baseplate, controller version and recorded network configuration before replacement or commissioning.

Evidence to retain

- Complete product and installed-unit marking.
- Approved project, wiring and cabinet records.
- As-found connector, cable, address and diagnostic state.
- Acceptance plan and final results.

Verified related ApterPower product pages

ABB DSBC174 3BSE012211R1

ABB SR511 3BSE000863R1

Installation sequence

Use the approved manufacturer procedure and site work controls

1 IDENTIFY

Record the complete ABB CI867K01 3BSE043660R1 identity and CEX-Bus position.

2 ISOLATE

Place the controller, process and connected Ethernet equipment in the approved maintenance state.

3 RECORD

Back up the AC 800M hardware configuration, IP settings and Modbus TCP assignments.

4 VERIFY

Label both RJ45 links and record their switch ports, channel roles and redundancy state.

5 INSTALL

Verify that the keyed TP867 baseplate and CI867 interface match the documented installation.

6 RESTORE

Inspect CEX-Bus contacts, cable shielding and connector latches before seating the package.

CONFIGURATION CONTROL

The package combines the CI867 communication unit with the keyed TP867 baseplate and its two RJ45 connections. Power is supplied from the controller through the CEX-Bus, while status and traffic indicators support commissioning and diagnostics. Before exchange, record both channel assignments, switch connections, IP settings, redundancy role and the controller hardware configuration; after installation, verify Modbus TCP traffic and every affected data path.

Verified related ApterPower product pages

ABB 07DI92

ABB 07KT92 GJR5250500R0902

Commissioning and acceptance

Return each affected function to its approved state

Identity	Record the complete ABB CI867K01 3BSE043660R1 identity and CEX-Bus position.
Configuration	Inspect CEX-Bus contacts, cable shielding and connector latches before seating the package.
Physical installation	Review status, traffic and redundancy indicators after the controller recognizes the interface.
Functional acceptance	Prove every configured Modbus TCP exchange and record the acceptance results before release.
Diagnostics	Confirm that no unexplained product, communication or system diagnostic remains.
Release record	Document the final configuration, observed states, test results and responsible technician.

Verified related ApterPower product pages

- ABB 07KR91 GJR5250000R0101
- ABB 07KP90 GJR5251000R0202
- ABB SPAJ140C
- ABB SPAM150C

Handover record

Traceable evidence for the installed product

Final acceptance

- Verify that the keyed TP867 baseplate and CI867 interface match the documented installation.
- Inspect CEX-Bus contacts, cable shielding and connector latches before seating the package.
- Review status, traffic and redundancy indicators after the controller recognizes the interface.
- Prove every configured Modbus TCP exchange and record the acceptance results before release.

Manufacturer evidence used

- ABB AC 800M Controller Hardware Product Guide, document 3BSE036352-510 A, CI867 hardware and technical-data sections.
- ABB System 800xA product catalog, CI867K01 package and article-number entry.
- ABB My Control System user manual, CI867K01 lifecycle and replacement-status entry.

Verified related ApterPower product pages

ABB CMA130 3DDE300410

ABB PM864AK01 3BSE018161R1

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