# 170M6467 3AUA0000062487 Installation & Verification Guide

A field-focused guide for recording, exchanging and proving 170M6467 3AUA0000062487 within its documented ABB ACS800-67LC and ACS880 liquid-cooled drive systems relationship.

## 01 Capture the installed arrangement

| Record | Required evidence |
| --- | --- |
| **Exact marking** | 170M6467 3AUA0000062487 |
| **Installed position** | Cabinet, rack, slot, circuit or mechanical location |
| **Companion hardware** | Connected modules, carrier, contactor, fuse base, relay socket or field interface |
| **Wiring / interface** | Terminal numbers, connector orientation, cable identification and protective earth |
| **Configuration** | Approved settings, jumpers, software version and application baseline |
| **Operating baseline** | Normal diagnostics, status, measured values and process response |

## Pre-removal controls

- Record type, voltage and pulse configuration.
- Complete drive lockout and discharge checks.
- Assess every associated fuse and bus connection.
- Do not increase current rating or let-through energy.
- Use the manufacturer procedure for fuse contacts.
- Review diagnostics before power-circuit energization.

**Discuss the exact marking and installed application with Apter Power**

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https://www.apterpower.com/ABB/ABB-Drives/3aua0000062487-170m6467

Scan the QR code for direct contact and quotation support.

## 02 Controlled replacement sequence

| | |
|---|---|
| **01 Plan** | Send the complete 170M6467 3AUA0000062487 marking, revision labels, current-unit photographs and installed position. |
| **02 Isolate** | Apply the approved electrical and process isolation; prove the safe state. |
| **03 Record** | Photograph labels, terminals, connector positions, mounting details and the before-removal baseline. |
| **04 Compare** | Check the offered complete marking, rating, interface execution and included scope against the retained record. |
| **05 Install** | Fit without forced alignment; restore grounding, cable support, clearances and protective parts. |
| **06 Configure** | Restore only the approved settings and system relationship for the exact installed execution. |
| **07 Energize** | Apply power in the approved sequence and resolve abnormal diagnostics before application enable. |
| **08 Prove** | Compare the offered 170M6467 3AUA0000062487 interfaces, ratings and included items with the approved system record before ordering. |
| **09 Handover** | Retain readings, photographs, configuration evidence, deviation record and acceptance signatures. |

## Model-specific checkpoints

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|---|---|
| **ABB MRP code** | 3AUA0000062487 |
| **Fuse manufacturer series** | Eaton Bussmann 170M |
| **Fuse type** | 170M6467 |
| **Fuse class** | Ultrarapid aR |
| **Rated current** | 1400 A |
| **Rated voltage** | 690 V AC |
| **I²t at 660 V** | 2,450,000 A²s |
| **Fuse size** | Size 3 |
| **Indicator execution** | Type K |
| **ABB ACS800 position** | Main-circuit AC fuse |

## Do not assume

- A similar outline or family name proves electrical or software compatibility.
- One component rating can be applied to a complete matched system without checking its companions.
- A shortened marking is interchangeable with the complete order reference.
- A successful power-up alone proves the required process or protection function.

## 03 Commissioning and acceptance record

| Acceptance item | Evidence to retain |
|---|---|
| **Identity** | Exact marking and current-unit photographs |
| **Mechanical** | Mounting, alignment, clearance and cable-support record |
| **Electrical** | Supply, protective earth, terminals, continuity and interface identity |
| **Configuration** | Approved settings, jumpers, application and companion hardware |
| **Static result** | Power-up state, diagnostics and measured baseline |
| **Functional result** | Representative process, control, relay, communication or protection proof |
| **Release** | Responsible technician, date, deviation disposition and handover signature |

## Targeted engineering questions

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|---|---|
| **Which electrical ratings define 170M6467 3AUA0000062487?** | The documented fuse is a 1400 A, 690 V AC ultrarapid aR type with 2,450,000 A²s at 660 V. |
| **How is ABB article 3AUA0000062487 related to 170M6467 3AUA0000062487?** | ABB hardware documentation maps that MRP code to Bussmann fuse type 170M6467. |
| **Why can the quantity of 170M6467 3AUA0000062487 not be assumed from the fuse model?** | ABB uses different quantities for converter ratings and 6-, 12- or 24-pulse configurations. |
| **What inspection follows a blown 170M6467 3AUA0000062487?** | Check all parallel fuse positions, busbars, semiconductor modules, insulation and evidence of the initiating fault. |
| **Can a higher-current fuse replace 170M6467 3AUA0000062487?** | No. ABB specifically warns against using a fuse with a higher current rating than the documented recommendation. |
| **What must agree when cross-referencing 170M6467 3AUA0000062487?** | Current, voltage, aR class, melting curve, body size, terminal form and indicator execution must all match. |

## Related product references

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|---|---|
| **Recommended model** | ABB PM511V16 3BSE011181R1 |
| **Recommended model** | ABB F4332D 3HAC024322-001 |
| **Recommended model** | ABB 170M5388/PC72UD13C250T 3AUA0000090404 |
| **Recommended model** | ABB 63NHG00B-690 3ABD0001782 |
| **Recommended model** | ABB A50-30-11 1SBL351001R8011 |
| **Recommended model** | ABB CBHX165C 5R 414 |
| **Recommended model** | ABB DRM570024LT AU 4CO 24V 3ABD00036448 |
| **Recommended model** | ABB RCM 230VAC 3C/0 3ABD00029943 |

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