63NHG00B-690 3ABD0001782 Installation & Verification Guide

A field-focused guide for recording, exchanging and proving 63NHG00B-690 3ABD0001782 in its documented ABB low-voltage fuse protection assemblies relationship.

01 Capture the installed arrangement

Record	Required evidence
Exact marking	63NHG00B-690 3ABD0001782
Installed position	Cabinet, rack, slot, circuit or mechanical location
Companion hardware	Connected module, carrier, socket, protection or field-interface identity
Wiring / interface	Terminal numbers, connector orientation, cable identity and protective earth
Configuration	Approved settings, jumpers, software version and application baseline
Operating baseline	Normal diagnostics, measured values and process response

Pre-removal controls

Confirm two identities
Match ABB spare reference and documented fuse marking.

Use NH-fuse PPE
Follow the approved arc-flash and extraction procedure.

Inspect the holder
Check contacts, pressure, insulation and heat damage.

Clear the fault
Resolve overload or short circuit before replacement.

Match the full rating
Verify NH00, 63 A, 690 V, gG and 120 kA.

Document re-energization
Record the final circuit and thermal checks.

Model-specific checkpoints

ABB supplied reference	3ABD0001782
Fuse technology	NH00 low-voltage HRC fuse link
Rated current	63 A
Rated voltage	690 V AC
Utilization category	gL/gG
Breaking capacity	120 kA
Construction size	NH00
Status indication	Dual combination indicator

Installed-system service map

Gripping-lug execution	Live metal gripping lugs
Contact format	Square body with knife-blade contacts
Fuse-system standard	IEC 60269-2
NH00 low-voltage protection	Use only in a documented NH00 holder whose circuit rating and fuse coordination agree.

Discuss the complete marking and installed application with Apter Power

sales13@apterpower.com | +86 18030235313

Scan the approved QR code for direct contact and quotation support.

02 Controlled replacement and commissioning sequence

01 Plan	Send the complete 63NHG00B-690 3ABD0001782 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 and the before-removal baseline.
04 Compare	Check complete marking, interface execution and included scope against the retained record.
05 Install	Restore grounding, cable support, clearances and protective parts without forced alignment.
06 Configure	Restore only the approved settings and documented installed-system relationship.
07 Energize	Apply power in the approved sequence and resolve abnormal diagnostics before application enable.
08 Prove	Compare the offered 63NHG00B-690 3ABD0001782 interfaces, ratings and included items with the approved system record before ordering.
09 Handover	Retain readings, photographs, configuration evidence and accepted deviations.

Commissioning and acceptance evidence

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, application and companion hardware
Functional result	Representative control, communication, relay or protection proof
Release	Technician, date, deviation disposition and handover record

Targeted engineering questions

How should dual indication be checked on 63NHG00B-690 3ABD0001782?

Use the visual indication only after isolation is proven; verify the circuit electrically before return to service.

Which markings control acceptance of 63NHG00B-690 3ABD0001782?

Retain the complete fuse marking, ABB supplied reference, 63 A and 690 V ratings, NH00 size and gL/gG class.

What proves correct re-energization of 63NHG00B-690 3ABD0001782?

Record stable circuit operation and confirm there is no abnormal holder heating or voltage drop.

What belongs in the handover record for 63NHG00B-690 3ABD0001782?

Keep label photographs, holder inspection, fault disposition, coordination check and controlled re-energization result.

Verified related product pages

Recommended product	ABB A50-30-11 1SBL351001R8011
Recommended product	ABB CBHX165C 5R 414
Recommended product	ABB DRM570024LT AU 4CO 24V 3ABD00036448
Recommended product	ABB RCM 230VAC 3C/0 3ABD00029943

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