ABB 1KHL178025R0102P-COM02

COMPLETE PRODUCT INFORMATION / PUBLISHED-PAGE DOSSIER

ABB 1KHL178025R0102P-COM02 is identified as a industrial communication board for the ABB installed control platform. The complete marking and installed interface arrangement must be matched together before replacement.

Product dashboard

Complete identity 1KHL178025R0102P-COM02	**Product type** Industrial Communication Board
Condition New, original product	**System context** ABB installed control platform

Public summary

Manufacturer part number	1KHL178025R0102P-COM02
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	21.5cm × 18cm × 2.5cm
Country of Origin	Sweden
Weight	0.4 kg

Technical capability map

Complete order code	1KHL178025R0102P-COM02
Equipment role	Industrial Communication Board
System context	ABB installed control platform
Board reference	1KHL178025R0102P-COM02
Verification boundary	Match board artwork, connectors and host position

Overview

The complete 1KHL178025R0102P-COM02 marking identifies the offered industrial communication board. Record the removed item, host position and connected hardware so the comparison uses the actual installed boundary rather than a shortened family name.

Within the ABB installed control platform, evaluate this item together with its carrier, terminals, cables and project or hardware settings. Preserve the as-found interface map and revision evidence; a mechanically similar item is not automatically equivalent.

Commissioning should progress from identity and connection checks to controlled power-up, diagnostics and functional proof. Keep the final status, test conditions and open exceptions in the handover record.

Applications / Compatibility

System position: 1KHL178025R0102P-COM02 is evaluated within the documented ABB installed control platform architecture. Compatibility boundary: Match the complete marking, hardware execution and installed interfaces before replacement.

Installed-system replacement

Compare the exact code, host position and connected interfaces with the removed item.

Planned maintenance

Capture the as-found label, status and configuration before disturbing the installation.

Controlled commissioning

Restore documented connections and prove the intended signal, communication or control response.

Spare qualification

Keep revision, configuration and acceptance evidence with the spare-part record.

Product Precautions

Verify the complete identity

Check every token in 1KHL178025R0102P-COM02 against the offered label and approved record.

Isolate the work boundary

Follow the site procedure for stored energy, field power and electrostatic handling.

Record connections

Photograph and label carriers, terminals, cables and keying before removal.

Preserve configuration

Archive applicable ABB installed control platform settings before replacement.

Inspect mating hardware

Check connectors, terminal blocks, carriers and cable condition before blaming the module.

Prove the result

Use an approved functional test and retain as-left diagnostic and acceptance evidence.

Engineering decisions

How should 1KHL178025R0102P-COM02 be identified before a replacement is approved?	Compare every token in the complete marking, installed position and documented industrial communication board role. Confirm the physical label before approval.
What evidence should be retained before removing 1KHL178025R0102P-COM02?	Record the mounting position, connected interfaces, status indications and current ABB installed control platform configuration. Photograph the complete label before disconnection.
How should the interfaces for 1KHL178025R0102P-COM02 be checked during installation?	Map each connector, terminal and cable to the as-found record and applicable manufacturer documentation. Preserve keying and shielding arrangements.
What configuration boundary matters when commissioning 1KHL178025R0102P-COM02?	Use the approved ABB installed control platform record and exact hardware execution. Physical fit alone does not prove configuration or interface equivalence.

How can a suspected 1KHL178025R0102P-COM02 fault be separated from wiring or carrier faults?	Verify supply and reference conditions, then inspect mating hardware and external wiring. Use controlled substitution only after both signal paths are documented.
What should be verified after fitting 1KHL178025R0102P-COM02?	Confirm normal indications, communication or signal continuity and the intended controlled-system response under an approved test state.
Can 1KHL178025R0102P-COM02 be replaced by a similar-looking assembly?	No direct equivalence is established by appearance. Compare the complete code, revision, interface execution and installed configuration.
What handover record is appropriate after work on 1KHL178025R0102P-COM02?	Retain offered and removed markings, connection photographs, configuration evidence, diagnostics, functional-test results and unresolved exceptions.

Lifecycle Status

1KHL178025R0102P-COM02 status	A current lifecycle phase for this complete order code has not been confirmed.
Support and replacement	Match the complete identity, hardware execution and installed configuration when planning service.
Apter Power availability	The offered quantity and dispatch date are confirmed in the quotation.

Available Unit Details

Offered reference	ABB 1KHL178025R0102P-COM02. Condition: New, original product.
Identity check	Verify 1KHL178025R0102P-COM02 against the installed marking, revision and interface execution.
Included items	Confirm the assembly, terminal hardware, cables and accessories in the quotation.

Alternative Names

ABB 1KHL178025R0102P COM02 | ABB 1KHL178025R0102 P-COM02

Ordering checks

Match the complete marking	Compare 1KHL178025R0102P-COM02 with the installed label and applicable ABB documentation.
Check the offered item before ordering	Request photos of the offered 1KHL178025R0102P-COM02 and compare markings, interfaces and included items with the installed unit.

Technical notes

Evidence scope	Public exact-model manufacturer data are limited; only the complete identity and verification boundary are treated as exact-model facts.
Installation boundary	The exact installed carrier, terminals, cables and project configuration remain site-specific.
Technical reference	Complete supplied marking and installed ABB system records

What happens after you enquire

Review your reference	Send the complete 1KHL178025R0102P-COM02 marking, quantity and installed-system context.

Confirm the offer	Review the offered identity, condition, included items and delivery details.
Arrange dispatch	Confirm the accepted quantity and destination in the quotation.

Downloads

Technical reference, installation and commissioning guide, and this complete product information dossier.

Discuss the complete marking with Apter Power
sales13@apterpower.com | +86 18030235313

Related product references

Catalogue navigation only; these references are not identified as substitutes or compatibility claims.

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