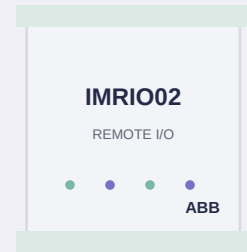


AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ABB IMRIO02

Symphony Harmony Rack Remote I/O Module



MODULE	FUNCTION	ARCHITECTURE	FAMILY
IMRIO02	Remote I/O	Rack Remote I/O	Symphony Harmony

Prepared from the ABB sources identified in this document. This Amikon reference does not replace current controlled ABB instructions.

01 CONFIRM PRODUCT IDENTITY

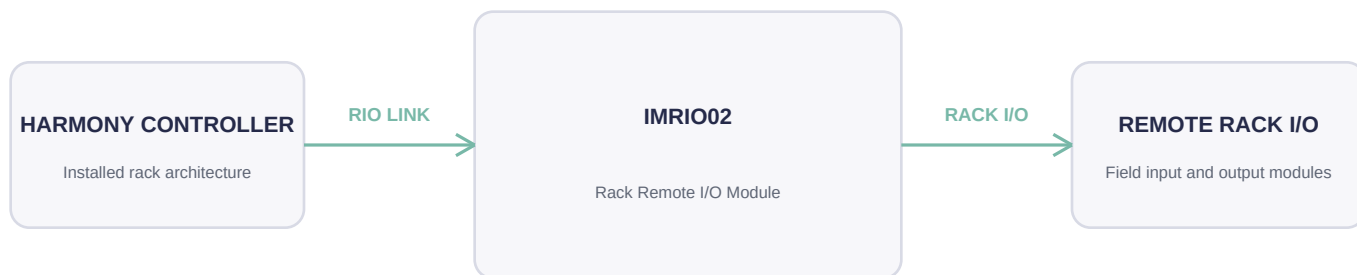
Product model	IMRIO02
Official product name	Remote I/O Module
Product line	Symphony Harmony
System architecture	Harmony Rack Remote I/O
Installed-system role	Remote I/O interface module
Remote communications	RIO link architecture

02 INSTALLATION CONTROLS

- Confirm the exact IMRIO02 marking and installed rack remote I/O architecture before replacement.
- Use the current controlled ABB instructions for the existing RIO link and remote I/O interface block.
- Do not apply RIO22 or H-Net migration instructions directly to an IMRIO02 installation without an approved project plan.
- For documented Rack Remote I/O modernization, verify BRC firmware, Composer version and termination-unit requirements.
- Retain the installed-system drawings, configuration and commissioning records before disturbing the rack or communications cabling.

CONNECTION REFERENCE

Functional system reference based on ABB documentation; not a wiring drawing.



Architecture	Installed Harmony rack remote I/O arrangement
Communications	Verify the existing RIO link and approved system drawings
Migration	H-Net replacement is a separate engineered modernization path

Source reference: ABB OEM Repair Catalog / 3BUS094398 / 3BUS095666. Use current controlled ABB instructions for final installation.

04 PRE-ENERGIZATION CHECKS

- 01 Confirm the complete product marking and exact model.
- 02 Verify the approved system, firmware, network and cabinet arrangement.
- 03 Check power, communications and process-I/O connections against ABB instructions.
- 04 Confirm module seating, cable condition and communication loading.
- 05 Verify configuration data and backup records before service.
- 06 Retain current ABB documents and commissioning records with the system file.

05 OFFICIAL DOCUMENTATION

[ABB OEM Repair Catalog - exact IMRIO02 listing](#)

[ABB System 800xA Harmony Overview - 3BUS094398](#)

06 SCOPE REMINDER

These instructions are a concise product-specific reference. They do not replace system engineering, current ABB instructions, site approval or qualified installation practice.

AMIKON PRODUCT SUPPORT

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