

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

RB121A-24VAC/DC

ABB Interface relay module

01 PRODUCT IDENTIFICATION

Manufacturer	ABB
Exact model	RB121A-24VAC/DC
Product family	ABB R600 interface relays
Component class	Interface relay module
Primary function	Electromechanical interface relay

02 CONFIRM THE ORDERED CONFIGURATION

Signal or Power Path	One SPDT changeover contact
System Interface	6 mm terminal-block format
Mounting Arrangement	DIN rail screw connection
Configuration Reference	R600 relay family
Replacement Control	Record wiring and companion hardware
Commissioning Check	Verify coil operation and contact continuity

03 PREPARATION AND SAFETY

Only qualified personnel should install RB121A-24VAC/DC. Isolate every applicable energy source, prove a safe state, use ESD protection where required, and retain the controlled ABB instructions at the work location.

04

MODEL-SPECIFIC INSTALLATION WORKFLOW

1

VERIFY

Confirm the complete RB121A-24VAC/DC identity and ABB R600 interface relays application.

2

DOCUMENT

Record r600 relay family, adjacent hardware, labels and connections.

3

ISOLATE

Apply site lockout, discharge, absence-of-voltage and ESD controls appropriate to the equipment.

4

REMOVE

Support the Interface relay module; release fasteners and connectors without forcing or distorting the assembly.

5

COMPARE

Match One SPDT changeover contact, interfaces, mechanical design and companion hardware.

6

INSTALL

Seat and retain the replacement evenly; restore documented wiring, shields, earth paths or mechanical covers.

7

COMMISSION

Verify coil operation and contact continuity

MANUFACTURER DOCUMENT APPLICABILITY

The appended ABB manufacturer documentation provides the product-family identity, configuration, connection or service information used for this installation reference. Apply only the sections that match the exact installed hardware.

05 PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identity	Exact RB121A-24VAC/DC and manufacturer markings confirmed
Mechanical	R600 relay family correctly seated and retained
Connections	DIN rail screw connection and documented interfaces restored
Configuration	Record wiring and companion hardware reviewed against the approved record
Functional test	Verify coil operation and contact continuity
Documentation	Photos, settings, test results and replaced-part identity retained

06 CONTROLLED DOCUMENTS

ABB MANUFACTURER DOCUMENTATION

Source: <https://www.amikong.com/ABB-c37.html>. Use the manufacturer manual and the site-controlled drawings for terminal functions, torque values, firmware or software conditions, safety limits and final acceptance criteria.

DO NOT INFER UNDOCUMENTED VALUES

Do not infer compatibility, electrical ratings, terminal functions, replacement status or configuration from appearance or a partial model number.

AMIKON PRODUCT SUPPORT

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