DRM570024LT AU 4CO 24V 3ABD00036448 Installation & Verification Guide

A field-focused guide for recording, exchanging and proving DRM570024LT AU 4CO 24V 3ABD00036448 in its documented ABB supplied relay reference using Weidmüller D-SERIES DRM technology relationship.

01 Capture the installed arrangement

Record	Required evidence
Exact marking	DRM570024LT AU 4CO 24V 3ABD00036448
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

Record relay and socket
Capture ABB mapping, core marking and base type.

Isolate every contact circuit
Prove coil and load circuits safe.

Inspect plug-in pins
Check socket grip, heat damage and keying.

Confirm contact duty
Compare all four loads with the switching limits.

Test released and energized states
Verify every NO and NC path.

Return the test button
Ensure normal automatic control is restored.

Model-specific checkpoints

ABB supplied reference	3ABD00036448
Core relay manufacturer	Weidmüller
Core order number	7760056097
Relay type	DRM570024LT
Rated control voltage	24 V DC
Rated coil current	37.8 mA
Coil power	0.9 W
Coil resistance	630 ohm ±10%

Installed-system service map

Contact arrangement	4 changeover contacts
Continuous contact current	5 A
Rated switching voltage	250 V AC
AC switching capacity	1250 VA resistive

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 DRM570024LT AU 4CO 24V 3ABD00036448 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 DRM570024LT AU 4CO 24V 3ABD00036448 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

Can the test button on DRM570024LT AU 4CO 24V 3ABD00036448 be used as a norma

No. It supports testing; normal operation must come from the approved control circuit and the button must return to its intended state.

How should inductive loads connected to DRM570024LT AU 4CO 24V 3ABD00036448 be handle

Use the approved suppression and switching limits for the actual coil or solenoid load rather than applying resistive ratings directly.

What inspection is required before plugging in DRM570024LT AU 4CO 24V 3ABD0003

Check socket grip, bent pins, contamination, heat damage and correct keying.

What proves acceptance of DRM570024LT AU 4CO 24V 3ABD00036448?

Verify LED and mechanical indication, all four contact states, release behavior and the response of each connected circuit.

Verified related product pages

Recommended product	ABB 63NHG00B-690 3ABD0001782
Recommended product	ABB A50-30-11 1SBL351001R8011
Recommended product	ABB CBHX165C 5R 414
Recommended product	ABB RCM 230VAC 3C/0 3ABD00029943

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