DRM570024LT AU 4CO 24V 3ABD00036448 Technical Reference

ABB DRM570024LT AU 4CO 24V 3ABD00036448 Four-Changeover 24 V DC Plug-In Coupling Relay with verified technical identity, model-specific selection data and controlled commissioning guidance.

01 Source-to-marking review

Order reference	DRM570024LT AU 4CO 24V 3ABD00036448
Hardware class	Four-Changeover 24 V DC Plug-In Coupling Relay
Installed family	ABB supplied relay reference using Weidmüller D-SERIES DRM technology
Manufacturer identity	ABB
Technical basis	Weidmüller DRM570024LT exact-model datasheet and ABB supplied reference 3ABD00036448
Use limit	Apply only to the complete marking and documented installed relationship

02 Technical evidence matrix

ABB supplied reference	3ABD00036448	Confirm abb supplied reference against the delivered label or installed record.
Core relay manufacturer	Weidmüller	Confirm core relay manufacturer against the delivered label or installed record.
Core order number	7760056097	Confirm core order number against the delivered label or installed record.
Relay type	DRM570024LT	Confirm relay type against the delivered label or installed record.
Rated control voltage	24 V DC	Confirm rated control voltage against the delivered label or installed record.
Rated coil current	37.8 mA	Confirm rated coil current against the delivered label or installed record.
Coil power	0.9 W	Confirm coil power against the delivered label or installed record.
Coil resistance	630 ohm ±10%	Confirm coil resistance against the delivered label or installed record.
Contact arrangement	4 changeover contacts	Confirm contact arrangement against the delivered label or installed record.
Continuous contact current	5 A	Confirm continuous contact current against the delivered label or installed record.

Evidence classification

Exact marking
The complete order reference controls the commercial identity.

Documented value
Use only where the technical record supports the stated execution.

Installed relationship
Confirm from the existing cabinet, machine or system record.

Excluded assumption
Do not infer an adjacent suffix, rating or execution.

Documented application context

Control-signal multiplication
Switch four independent changeover circuits from one 24 V DC command.

Interposing-relay service
Separate controller outputs from field control circuits through a plug-in relay.

Panel maintenance
Retain socket, base wiring and relay test-button behavior.

ABB spare mapping
Confirm 3ABD00036448 together with the DRM570024LT core marking.

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.

03 Compatibility decision matrix

Identity gate	Does the installed marking agree with DRM570024LT AU 4CO 24V 3ABD00036448?	Stop if any suffix or auxiliary marking differs.
Platform gate	Is the arrangement documented for ABB supplied relay reference using Weidmüller D-SERIES DRM technology?	Confirm the carrier, base, circuit or system record.
Interface gate	Do physical and electrical interfaces match?	Compare terminals, connectors, mounting and protection.
Rating gate	Are documented ratings suitable at the operating point?	Check supply, load, duty and companion limits.
Configuration gate	Can the approved settings be restored?	Retain jumpers, software, wiring and assignments.
Acceptance gate	Can the installed function be proven?	Define measured evidence before release.

Marking-focused review prompts

Confirm abb supplied reference	Expected record: 3ABD00036448
Confirm core relay manufacturer	Expected record: Weidmüller
Confirm core order number	Expected record: 7760056097
Confirm relay type	Expected record: DRM570024LT
Confirm rated control voltage	Expected record: 24 V DC
Confirm rated coil current	Expected record: 37.8 mA
Confirm coil power	Expected record: 0.9 W
Confirm coil resistance	Expected record: 630 ohm ±10%

Offer-screening evidence package

- Photograph the entire DRM570024LT AU 4CO 24V 3ABD00036448 marking without cropping suffixes.
- Provide the installed cabinet, machine or circuit reference and companion-part identities.
- Compare interfaces, ratings, configuration and included scope with the approved record.
- Resolve every discrepancy in writing before the item is released for dispatch.

Engineering acceptance questions

Who manufactures the core relay in DRM570024LT AU 4CO 24V 3ABD00036448?

The exact DRM570024LT relay is made by Weidmüller; 3ABD00036448 is treated as the supplied ABB spare reference.

Which coil data applies to DRM570024LT AU 4CO 24V 3ABD00036448?

The relay uses a 24 V DC, 37.8 mA coil rated 0.9 W with approximately 630 ohms resistance.

How many changeover contacts does DRM570024LT AU 4CO 24V 3ABD00036448 provi

It provides four changeover contacts with a documented 5 A continuous current rating.

What socket information should be captured for DRM570024LT AU 4CO 24V 3ABD00036448?

Record base type, terminal numbers, coil polarity, contact assignments and any suppression or indication module.

Verified related product pages

Recommended product	ABB HITE303278R1
Recommended product	ABB SNAT609TAI SNAT 609 TAI
Recommended product	Bently Nevada 3500/33 149986-01
Recommended product	Emerson 8709-CA-08

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.