RCM 230VAC 3C/0 3ABD00029943 Technical Reference

ABB RCM 230VAC 3C/0 3ABD00029943 Three-Changeover 230 V AC Plug-In Relay Module with verified technical identity, model-specific selection data and controlled commissioning guidance.

01 Source-to-marking review

Order reference	RCM 230VAC 3C/0 3ABD00029943
Hardware class	Three-Changeover 230 V AC Plug-In Relay Module
Installed family	ABB industrial control relay assemblies
Manufacturer identity	ABB
Technical basis	ABB supplied reference 3ABD00029943 and exact-marking relay records, bounded by current ABB 230 V AC three-changeover relay documentation
Use limit	Apply only to the complete marking and documented installed relationship

02 Technical evidence matrix

ABB supplied reference	3ABD00029943	Confirm abb supplied reference against the delivered label or installed record.
Relay marking	RCM 230VAC 3C/0	Confirm relay marking against the delivered label or installed record.
Rated control voltage	230 V AC	Confirm rated control voltage against the delivered label or installed record.
Contact arrangement	3 changeover contacts	Confirm contact arrangement against the delivered label or installed record.
Product class	Plug-in relay module	Confirm product class against the delivered label or installed record.
Installation boundary	Relay socket and terminal wiring	Confirm installation boundary against the delivered label or installed record.
Selection boundary	Coil voltage, pin pattern, contact duty and test/indicator execution	Confirm selection boundary against the delivered label or installed record.
Replacement evidence	Complete relay and socket markings	Confirm replacement evidence 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

Interposing control relay
Transfer three field or control circuits from one 230 V AC command.

Legacy panel maintenance
Preserve socket pinning and conductor identity.

Alarm and permissive logic
Verify every normally open and normally closed path in the installed scheme.

Spare-part screening
Match RCM marking, ABB reference, coil voltage and base execution.

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 RCM 230VAC 3C/0 3ABD00029943?	Stop if any suffix or auxiliary marking differs.
Platform gate	Is the arrangement documented for ABB industrial control relay assemblies?	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: 3ABD00029943
Confirm relay marking	Expected record: RCM 230VAC 3C/0
Confirm rated control voltage	Expected record: 230 V AC
Confirm contact arrangement	Expected record: 3 changeover contacts
Confirm product class	Expected record: Plug-in relay module
Confirm installation boundary	Expected record: Relay socket and terminal wiring
Confirm selection boundary	Expected record: Coil voltage, pin pattern, contact duty and test/indicator execution
Confirm replacement evidence	Expected record: Complete relay and socket markings

Offer-screening evidence package

- Photograph the entire RCM 230VAC 3C/0 3ABD00029943 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

Which coil supply is required by RCM 230VAC 3C/0 3ABD00029943?

The complete marking specifies a 230 V AC control coil.

How many transferred circuits are available on RCM 230VAC 3C/0 3ABD00029943?

The RCM 3C/0 marking identifies three changeover contact sets.

Can a current ABB CR-M or CR-U relay automatically replace RCM 230VAC 3C/0 3ABD(

No. Pin pattern, socket, dimensions, test features and contact duty must be proven against the installed RCM base.

What should be photographed before removing RCM 230VAC 3C/0 3ABD00029943?

Capture the complete relay label, socket type, terminal numbers, jumpers and every connected conductor.

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

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