ABB RCM 230VAC 3C/0 3ABD00029943

Three-Changeover 230 V AC Plug-In Relay Module

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 Product identity and selection data

Complete model	RCM 230VAC 3C/0 3ABD00029943
Product type	Three-Changeover 230 V AC Plug-In Relay Module
Manufacturer	ABB
System / platform	ABB industrial control relay assemblies

02 Exact-model technical capability map

ABB supplied reference	3ABD00029943
Relay marking	RCM 230VAC 3C/0
Rated control voltage	230 V AC
Contact arrangement	3 changeover contacts
Product class	Plug-in relay module
Installation boundary	Relay socket and terminal wiring

Selection boundary	Coil voltage, pin pattern, contact duty and test/indicator execution
Replacement evidence	Complete relay and socket markings

03 Engineering role and selection boundary

Three-circuit changeover

One 230 V AC coil transfers three independent contact sets in the installed control scheme.

Socket-defined compatibility

Pin layout, coil terminals and contact numbering must agree with the fitted relay base.

Control-state verification

Coil pickup, drop-out and all normally open/normally closed paths are proven before release.

Exact marking

Approve the complete order reference only after the installed interfaces and companion hardware agree.

Technical basis	ABB supplied reference 3ABD00029943 and exact-marking relay records, bounded by current ABB 230 V AC three-changeover relay documentation
Installed relationship	ABB industrial control relay assemblies
Release gate	Resolve identity, interface and compatibility differences in the written offer before release.

04 Engineering overview and system application

RCM 230VAC 3C/0, ABB supplied reference 3ABD00029943, identifies a 230 V AC plug-in relay module with three changeover contact sets.

Because the legacy RCM reference is not the same catalog identity as current ABB CR-M or CR-U relays, a current family relay is not presented as a direct substitute. The installed socket and complete pin pattern govern selection.

Before exchange, photograph the relay and base, label every circuit and confirm the coil source. After replacement, test pickup, release and each transferred circuit without bypassing the normal interlocks.

Application map

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.

Lifecycle and available-unit boundary

Lifecycle status	Installed-base relay spare
Supply scope	the RCM 230VAC 3C/0 3ABD00029943 three-changeover 230 v ac plug-in relay module; companion hardware only when itemized
Dispatch	Swift global dispatch
Selection basis	Complete marking, installed relationship and written quotation

Technical notes and evidence boundary

Exact identity	RCM 230VAC 3C/0 3ABD00029943
Documented function	Three-Changeover 230 V AC Plug-In Relay Module
Technical evidence	ABB supplied reference 3ABD00029943 and exact-marking relay records, bounded by current ABB 230 V AC three-changeover relay documentation
Evidence boundary	Only the documented ABB industrial control relay assemblies relationship and stated exact-model values are applied
Commissioning record	Retain installed markings, configuration and functional proof

Additional verified exact-model data

Evidence scope	No adjacent-model value is applied without a documented exact-model relationship.

05 Installation and product precautions

Capture legacy pinning
Photograph relay, socket and terminal numbers.

Prove 230 V isolation
Isolate the AC coil and every contact circuit.

Do not assume CR-family interchange
Verify the exact socket and pin pattern.

Record three contact sets
Map common, NO and NC paths.

Test pickup and release
Check for chatter, sticking or overheating.

Verify system interlocks
Prove each controlled function before handover.

Controlled verification sequence

01 Record	Send the complete RCM 230VAC 3C/0 3ABD00029943 marking, revision labels, current-unit photographs and installed position.
02 Isolate	Apply the approved isolation and prove the safe state before disturbing the installed arrangement.
03 Compare	Reconcile the complete marking, interfaces, companion hardware and approved system record.
04 Prove	Compare the offered RCM 230VAC 3C/0 3ABD00029943 interfaces, ratings and included items with the approved system record before ordering.
05 Handover	Retain photographs, settings, readings, diagnostics and accepted deviations.

Engineering decision 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 3ABD00029943?
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 PM511V16 3BSE011181R1
Recommended product	ABB F4332D 3HAC024322-001
Recommended product	ABB 170M5388/PC72UD13C250T 3AUA0000090404
Recommended product	ABB 170M6467 3AUA0000062487

Discuss the complete marking and installed application with Apter Power

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Scan the approved QR code for direct contact and quotation support.