ABB DFC02 DFC-02

COMPLETE PRODUCT INFORMATION / PUBLISHED-PAGE DOSSIER

ABB DFC02 DFC-02 is identified as a freelance controller for the ABB Freelance DCS. The complete marking and installed interface arrangement must be matched together before replacement.

Product dashboard

Complete identity DFC02 DFC-02	**Product type** Freelance Controller
Condition New, original product	**System context** ABB Freelance DCS

Public summary

Manufacturer part number	DFC02 DFC-02
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	24cm × 20.5cm × 16.3cm
Country of Origin	Sweden
Weight	1.78 kg

Technical capability map

Complete order code	DFC02 DFC-02
Equipment role	Freelance Controller
System context	ABB Freelance DCS
Controller family	DFC 01/02
Engineering context	Supported by Freelance engineering
Telecontrol boundary	IEC 60870-5-104 is not released for DFC 01/02 in current ABB catalog

Overview

The complete DFC02 DFC-02 marking identifies the offered freelance controller. Record the removed item, host position and connected hardware so the comparison uses the actual installed boundary rather than a shortened family name.

Within the ABB Freelance DCS, evaluate this item together with its carrier, terminals, cables and project or hardware settings. Preserve the as-found interface map and revision evidence; a mechanically similar item is not automatically equivalent.

Commissioning should progress from identity and connection checks to controlled power-up, diagnostics and functional proof. Keep the final status, test conditions and open exceptions in the handover record.

Applications / Compatibility

System position: DFC02 DFC-02 is evaluated within the documented ABB Freelance DCS architecture. Compatibility boundary: Match the complete marking, hardware execution and installed interfaces before replacement.

Installed-system replacement

Compare the exact code, host position and connected interfaces with the removed item.

Planned maintenance

Capture the as-found label, status and configuration before disturbing the installation.

Controlled commissioning

Restore documented connections and prove the intended signal, communication or control response.

Spare qualification

Keep revision, configuration and acceptance evidence with the spare-part record.

Product Precautions

Verify the complete identity

Check every token in DFC02 DFC-02 against the offered label and approved record.

Isolate the work boundary

Follow the site procedure for stored energy, field power and electrostatic handling.

Record connections

Photograph and label carriers, terminals, cables and keying before removal.

Preserve configuration

Archive applicable ABB Freelance DCS settings before replacement.

Inspect mating hardware

Check connectors, terminal blocks, carriers and cable condition before blaming the module.

Prove the result

Use an approved functional test and retain as-left diagnostic and acceptance evidence.

Engineering decisions

How should DFC02 DFC-02 be identified before a replacement is approved?	Compare every token in the complete marking, installed position and documented freelance controller role. Confirm the physical label before approval.
What evidence should be retained before removing DFC02 DFC-02?	Record the mounting position, connected interfaces, status indications and current ABB Freelance DCS configuration. Photograph the complete label before disconnection.
How should the interfaces for DFC02 DFC-02 be checked during installation?	Map each connector, terminal and cable to the as-found record and applicable manufacturer documentation. Preserve keying and shielding arrangements.

What configuration boundary matters when commissioning DFC02 DFC-02?	Use the approved ABB Freelance DCS record and exact hardware execution. Physical fit alone does not prove configuration or interface equivalence.
How can a suspected DFC02 DFC-02 fault be separated from wiring or carrier faults?	Verify supply and reference conditions, then inspect mating hardware and external wiring. Use controlled substitution only after both signal paths are documented.
What should be verified after fitting DFC02 DFC-02?	Confirm normal indications, communication or signal continuity and the intended controlled-system response under an approved test state.
Can DFC02 DFC-02 be replaced by a similar-looking assembly?	No direct equivalence is established by appearance. Compare the complete code, revision, interface execution and installed configuration.
What handover record is appropriate after work on DFC02 DFC-02?	Retain offered and removed markings, connection photographs, configuration evidence, diagnostics, functional-test results and unresolved exceptions.

Lifecycle Status

DFC02 DFC-02 status	A current lifecycle phase for this complete order code has not been confirmed.
Support and replacement	Match the complete identity, hardware execution and installed configuration when planning service.
Apter Power availability	The offered quantity and dispatch date are confirmed in the quotation.

Available Unit Details

Offered reference	ABB DFC02 DFC-02. Condition: New, original product.
Identity check	Verify DFC02 DFC-02 against the installed marking, revision and interface execution.
Included items	Confirm the assembly, terminal hardware, cables and accessories in the quotation.

Alternative Names

ABB DFC02 Freelance Controller | ABB DFC-02 DFC02

Ordering checks

Match the complete marking	Compare DFC02 DFC-02 with the installed label and applicable ABB documentation.
Check the offered item before ordering	Request photos of the offered DFC02 DFC-02 and compare markings, interfaces and included items with the installed unit.

Technical notes

Evidence scope	ABB documentation identifies DFC 01/02 as a Freelance controller family and defines current engineering and telecontrol boundaries.
Installation boundary	The exact installed carrier, terminals, cables and project configuration remain site-specific.
Technical reference	ABB Freelance DCS Product Catalog 3BDD015188

What happens after you enquire

Review your reference	Send the complete DFC02 DFC-02 marking, quantity and installed-system context.
Confirm the offer	Review the offered identity, condition, included items and delivery details.
Arrange dispatch	Confirm the accepted quantity and destination in the quotation.

Downloads

Technical reference, installation and commissioning guide, and this complete product information dossier.

Discuss the complete marking with Apter Power
sales13@apterpower.com | +86 18030235313

Related product references

Catalogue navigation only; these references are not identified as substitutes or compatibility claims.

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