

APTER POWER PRODUCT REFERENCE MANUAL

CI930F-3BDH001010R0005

Freelance AC 900F PROFIBUS Communication Interface

ENGINEERING LENS	PROFIBUS TOPOLOGY AND REVISION MATCHING
SYSTEM	ABB Freelance AC 900F
SOURCE CONTROL	Manufacturer-published information only

This original Apter Power manual explains PROFIBUS topology and revision matching using only the manufacturer source named inside the document.

Manufacturer	ABB
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Engineering clarity for PROFIBUS topology and revision matching.

- WHATSAPP / PHONE+86 180 3023 5313
- EMAILsales13@apterpower.com
- WEBSITEwww.apterpower.com



SCAN FOR PRODUCT & QUOTE
CI930F-3BDH001010R0005

1. Product Identity and System Role

CI930F-3BDH001010R0005 is an ABB CI 930F communication-interface identifier for a Freelance AC 900F installation. ABB's current CI 930F data sheet describes the module family as a PROFIBUS DP-V0/V1 master with line redundancy, while publishing article 3BDH001010R0002 rather than the requested R0005 suffix.

In an officially matched AC 900F configuration, the CI 930F family exchanges PROFIBUS process data and diagnostics between the controller and DP devices at rates from 9.6 kbit/s to 12 Mbit/s; the R0005 revision must be confirmed from the nameplate and its exact ABB release document.

Model Configuration

Field	Verified information
Complete model	CI930F-3BDH001010R0005
Manufacturer	ABB
Product description	Freelance AC 900F PROFIBUS Communication Interface
System	ABB Freelance AC 900F

Product-Specific Design Focus

PROFIBUS topology and revision matching

2. Technical Specifications and Evidence Boundary

Only values supported by the named ABB source are stated. Where the complete ordering code is absent from public data, the field is explicitly marked for verification.

Parameter	Verified value
Manufacturer	ABB
Module family	CI 930F
Protocol	PROFIBUS DP master, DP-V0/V1
Published family speed	9.6 kbit/s to 12 Mbit/s
Published family connectors	Two 9-pole D-Sub connectors for lines A and B
Requested suffix	3BDH001010R0005 - verify against exact revision documentation

Evidence Note

Use the complete CI930F-3BDH001010R0005 identity. The current ABB CI 930F family data sheet states Active for its published article. Confirm the ordering and service status of suffix 3BDH001010R0005 directly with ABB. Values not published in the cited ABB source are intentionally not inferred.

3. Functions, Applications and Matched Components

Core Functions

- In an officially matched AC 900F configuration, the CI 930F family exchanges PROFIBUS process data and diagnostics between the controller and DP devices at rates from 9.6 kbit/s to 12 Mbit/s; the R0005 revision must be confirmed from the nameplate and its exact ABB release document.
- Preserves the documented role within ABB Freelance AC 900F.
- Supports model-specific engineering review without substituting unverified third-party data.

Application Areas

Application	System role
ABB Freelance AC 900F	Maintains the documented PROFIBUS topology and revision matching role in a correctly matched installation.
Process and machine automation	Supports the control, communication, power, safety, measurement, or protection duty stated in the official source for this exact or verified family identity.
Lifecycle-controlled maintenance	Requires complete-code, nameplate, host-system, and project verification before replacement or recommissioning.

Compatible Components

- ABB AC 900F controllers supported by the exact Freelance release
- PROFIBUS DP devices and cabling engineered for the network
- Software version and controller firmware approved for the R0005 revision

Lifecycle Status

The current ABB CI 930F family data sheet states Active for its published article. Confirm the ordering and service status of suffix 3BDH001010R0005 directly with ABB.

4. Installation Precautions

- Match every character of CI930F-3BDH001010R0005 to the physical nameplate before work.
- Use the exact ABB manual, wiring drawing, and safety instructions for the installed revision.
- De-energize and apply the required lockout, discharge, ESD, and stored-energy controls before removal.
- Back up firmware, parameters, controller project, calibration, and network settings where applicable.
- Verify supply, signal type, polarity, grounding, shielding, connector pinout, load, and environmental limits.
- Commission with the manufacturer test procedure and record results before returning equipment to service.

DECISION GATE - Verify before installation

Use the complete CI930F-3BDH001010R0005 identity. The current ABB CI 930F family data sheet states Active for its published article. Confirm the ordering and service status of suffix 3BDH001010R0005 directly with ABB. Values not published in the cited ABB source are intentionally not inferred.

Controlling records: physical nameplate, current ABB document, and host-system drawings.

5. Official Source and Use Notice

Official manufacturer source

ABB CI 930F Freelance hardware selector data sheet; the reviewed sheet publishes 3BDH001010R0002, so R0005-specific differences are not inferred.

<https://freelancehardwareselector.automation.abb.com/pdf/download/048b7e01-4e6a-49d6-8e80-26b1fc7832a8>

Apter Power product page

<https://www.apterpower.com/ABB/ci930f-3bdh001010r0005>

Use Notice

This is an original Apter Power model-specific reference prepared from the ABB source named above. It is not a ABB publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and a model-specific quotation, visit www.apterpower.com or contact sales13@apterpower.com.