

APTER POWER PRODUCT REFERENCE MANUAL

10024/H/F

FSC Enhanced Communication Module with Internal CP and RS-232

ENGINEERING LENS	SERIAL COMMUNICATION AND FSC MIGRATION CONTROL
SYSTEM	Honeywell Fail Safe Controller
SOURCE CONTROL	Manufacturer-published information only

This original Apter Power manual explains serial communication and FSC migration control using only the manufacturer source named inside the document.

Manufacturer	Honeywell
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Engineering clarity for serial communication and FSC migration control.

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SCAN FOR PRODUCT & QUOTE

10024/H/F

1. Product Identity and System Role

10024/H/F is a Honeywell Fail Safe Controller enhanced communication module identified in Honeywell's official FSC system-hints material as an enhanced COM module with an internal communication processor and RS-232 interface.

Within an FSC node, the module provides the documented serial communication path between the safety-controller architecture and the connected RS-232 equipment, subject to the exact FSC cabinet, cable, software, and application configuration.

Model Configuration

Field	Verified information
Complete model	10024/H/F
Manufacturer	Honeywell
Product description	FSC Enhanced Communication Module with Internal CP and RS-232
System	Honeywell Fail Safe Controller

Product-Specific Design Focus

serial communication and FSC migration control

2. Technical Specifications and Evidence Boundary

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

Parameter	Verified value
Manufacturer	Honeywell
System	Fail Safe Controller (FSC)
Module designation	Enhanced COM module
Published interface	Internal CP plus RS-232
Exact electrical data	Use the matching Honeywell FSC hardware manual

Evidence Note

Use the complete 10024/H/F identity. Honeywell states that FSC is discontinued and replaced by Safety Manager; spare parts and service may still be available through Honeywell. Values not published in the cited Honeywell source are intentionally not inferred.

3. Functions, Applications and Matched Components

Core Functions

- Within an FSC node, the module provides the documented serial communication path between the safety-controller architecture and the connected RS-232 equipment, subject to the exact FSC cabinet, cable, software, and application configuration.
- Preserves the documented role within Honeywell Fail Safe Controller.
- Supports model-specific engineering review without substituting unverified third-party data.

Application Areas

Application	System role
Honeywell Fail Safe Controller	Maintains the documented serial communication and FSC migration control 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

- Honeywell FSC central-part hardware and system bus specified by the installed design
- RS-232 equipment and cables approved in the project documentation
- FSC software, communication configuration, and redundancy arrangement for the node

Lifecycle Status

Honeywell states that FSC is discontinued and replaced by Safety Manager; spare parts and service may still be available through Honeywell.

4. Installation Precautions

- Match every character of 10024/H/F to the physical nameplate before work.
- Use the exact Honeywell 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 10024/H/F identity. Honeywell states that FSC is discontinued and replaced by Safety Manager; spare parts and service may still be available through Honeywell. Values not published in the cited Honeywell source are intentionally not inferred.

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

5. Official Source and Use Notice

Official manufacturer source

Honeywell System Hints August 2021 spare-parts matrix and Honeywell Fail Safe Controller product page.

https://process.honeywell.com/content/dam/process/en/documents/document-lists/doc_list_hints/2021/system-hints-august-2021.pdf

Apter Power product page

<https://www.apterpower.com/Honeywell/10024-h-f>

Use Notice

This is an original Apter Power model-specific reference prepared from the Honeywell source named above. It is not a Honeywell 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.