

FC-FANWR-24R

FC-FANWR-24R 24 VDC Fan Unit with Readback

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PRODUCT SNAPSHOT

BRAND
Honeywell

FAMILY
Honeywell Safety Manager

PART
FC-FANWR-24R

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Honeywell FC-FANWR-24R provides active cabinet cooling with monitored fan-speed readback in a documented Honeywell Safety Manager installation.

Fan count: 2

Readback: Fan-speed status contact

Status indication: Green LED per fan above minimum speed

Execution: Conformally coated FC version

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7 Honeywell 8C-TAOXA1 51307135-175	8 Honeywell 8C-TDILA1 51307141-175	9 Honeywell C7061F2001

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to its installed host, interface hardware and engineering configuration. Commissioning restores that architecture and verifies the intended function under controlled conditions.

TECHNICAL DATA

PARAMETER	VALUE
Product type	Dual-fan cooling unit with readback
Model	FC-FANWR-24R
Supply	24 VDC
Fan count	2

PARAMETER	VALUE
Readback	Fan-speed status contact
Status indication	Green LED per fan above minimum speed
Execution	Conformally coated FC version
Current lifecycle reference	Honeywell System HINTS replacement assembly

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TECHNICAL NOTE

Install FC-FANWR-24R only in its documented Honeywell Safety Manager position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and active cabinet cooling with monitored fan-speed readback under controlled conditions.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

FC-FANWR-24R 24 VDC Fan Unit with Readback

Provides active cabinet cooling with monitored fan-speed readback in the approved Honeywell Safety

Installed-system maintenance

Preserves the documented slot, termination, wiring and configuration during replacement.

Controlled commissioning

Restores power and signals in the approved sequence and reviews diagnostics.

Acceptance verification

Confirms the intended channel, network or safety function before release.

PRODUCT PRECAUTIONS

1

Confirm the complete FC-FANWR-24R identity on the hardware and maintenance record.

2

Place the affected Honeywell Safety Manager process in the approved maintenance state.

3

Record the installed position, connectors, terminals, wiring and configuration before removal.

4

Isolate all documented power and field energy and apply ESD controls where required.

5

Inspect the replacement identity, revision, interfaces and mating hardware before installation.

6

Restore every conductor, cable, power path and configuration value to the approved record.

7

Review host, module, channel or network diagnostics after controlled energization.

8

Perform a controlled test that proves active cabinet cooling with monitored fan-speed readback before

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ENGINEER FAQ

Q1 **What does FC-FANWR-24R monitor while cooling the cabinet?**

It monitors fan speed and reports status through the readback circuit.

Q2 **How many fans are built into FC-FANWR-24R?**

The unit contains two fans.

Q3 **Which supply is required by FC-FANWR-24R?**

It uses 24 VDC.

Q4 **How does FC-FANWR-24R show that an individual fan is above minimum speed?**

A green LED next to that fan illuminates.

Q5 **When does the FC-FANWR-24R readback contact indicate both fans are healthy?**

The contact changes to the healthy state after both fans are above the monitored minimum speed.

Q6 **What does the FC prefix identify on FC-FANWR-24R?**

It identifies the conformally coated execution.

Q7 **Which details should be copied before replacing FC-FANWR-24R?**

Record connector polarity, airflow direction, mounting position, alarm logic and the existing readback state.

Q8 **What acceptance test is appropriate for FC-FANWR-24R?**

Run both fans, confirm the two LEDs and readback contact, then verify cabinet airflow and alarm clearance.

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SOURCE Honeywell System HINTS, October 2025 and Safety Manager hardware guidance | Honeywell manufacturer publication

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