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The FIM8 connects FOUNDATION Fieldbus H1 segments to the configured Experion controller architecture so that field devices, Fieldbus points and related control strategies can be engineered and loaded within the approved project. Honeywell capacity data accounts for the FIM8 as eight I/O units.

H1 devices

Eight documented Fieldbus segments

CC-PFB802 FIM8

Segment interface and controller integration

Experion controller

C200, C200E or C300 strategy

1	Record the complete CC-PFB802 51454953-176 identity before removal.
2	Verify the installed Experion release and approved controller architecture.
3	Back up the controller and Fieldbus configuration before replacement.
4	Map all eight H1 segments and their connected field devices.

PRE-WORK HOLD POINT

Confirm the complete CC-PFB802 51454953-176 identity, Experion release, controller architecture, H1 segment design and approved Fieldbus configuration before replacement or commissioning.

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5	Preserve Fieldbus points, function blocks and control-strategy assignments.
6	Check controller capacity accounting for the eight FIM8 I/O units.
7	Load the approved configuration and verify segment communication.
8	Test affected loops and record final diagnostics before release.

CONNECTION DECISIONS

Preserve the complete module identity and cabinet assignment, then document each H1 segment, connected device, function block, control strategy and controller resource allocation. Replacement work must also verify the applicable Experion release, hardware migration requirements and the downloaded Fieldbus configuration before returning loops to service.

TECHNICAL ACCEPTANCE

Honeywell System HINTS identifies CC-PFB802 as the released FIM8 replacement for CC-PFB801. Honeywell training material covers FIM8 operation with H1 networks in C200, C200E and C300 configurations, while the C300 capacity table accounts for FIM8 as eight I/O units.

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What is Honeywell CC-PFB802?

Honeywell identifies CC-PFB802 as the FIM8, an eight-segment FOUNDATION Fieldbus interface module.

How many H1 segments does the FIM8 provide?

The FIM8 designation and Honeywell documentation identify eight FOUNDATION Fieldbus segments.

Which earlier FIM8 hardware does CC-PFB802 replace?

Honeywell released CC-PFB802 as the replacement for the earlier CC-PFB801 FIM8.

How is FIM8 counted in the C300 capacity table?

Honeywell's C300 controller-capacity table assigns eight I/O units to a FIM8.

Which controller configurations are covered in Honeywell FIM8 training?

Honeywell training material covers FIM8 and H1 network configuration with C200, C200E and C300 controller architectures.

What must be preserved during a module replacement?

Preserve the cabinet assignment, H1 segment map, devices, Fieldbus points, function blocks, control strategies and approved controller resource allocation.

Why must the Experion release be verified before substituting older FIM8 hardware?

Honeywell distinguishes the released CC-PFB802 replacement from earlier CC-PFB801 hardware and notes release-related limits for older parts, so the installed release and migration record are part of the acceptance boundary.

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MANUFACTURER SOURCE

Honeywell System HINTS, January 2019; Honeywell Experion PKS C300 Controller Capacity; Honeywell EXP-24 Controller Fieldbus Configuration Implementation course; exact CC-PFB802/FIM8 references

Related Honeywell catalog pages

Browse related automation products. These links do not establish interchangeability.

Honeywell 51401642-150	View Honeywell 51401642-150
Honeywell MU-TAIH12 51304337-100	View Honeywell MU-TAIH12 51304337-100
Honeywell MU-PAOX03 51304672-100	View Honeywell MU-PAOX03 51304672-100

AS-LEFT RECORD

Confirm the complete CC-PFB802 51454953-176 identity, Experion release, controller architecture, H1 segment design and approved Fieldbus configuration before replacement or commissioning.

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