CC-PFB802 51454953-176

Eight-segment FOUNDATION Fieldbus interface module

Honeywell CC-PFB802 51454953-176 is an eight-segment FOUNDATION Fieldbus Interface Module for Experion PKS controller architectures. Honeywell documentation identifies the FIM8 with H1 networks and controller configurations that include C200, C200E and C300.

- Eight FOUNDATION Fieldbus H1 segment interfaces
- Experion PKS controller integration
- Successor to the earlier CC-PFB801 FIM8 hardware
- Controller capacity accounting 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

SYSTEM POSITION

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.

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Honeywell module name	FIM8
Primary part number	CC-PFB802
User-supplied complete identity	CC-PFB802 51454953-176
Interface	FOUNDATION Fieldbus H1
Segment count	8

INTEGRATION RECORD

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.

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C300 capacity value	8 I/O units
Documented controller contexts	C200, C200E and C300
Supersedes	CC-PFB801 FIM8
Engineering objects	Fieldbus devices, points, function blocks and control strategies
Release requirement	Verify the installed Experion release and migration record

ENGINEERING NOTE

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.

EXPERION FIELDBUS INTEGRATION

Connect approved FOUNDATION Fieldbus H1 segments to the configured Experion controller architecture.

MULTI-SEGMENT FIELD NETWORK

Organize field devices across eight documented H1 segment interfaces.

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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 8C-PAOH51 51454355-175	View Honeywell 8C-PAOH51 51454355-175
Honeywell TC-PCIC02	View Honeywell TC-PCIC02
Honeywell 8C-TDILA1 51307141-175	View Honeywell 8C-TDILA1 51307141-175

RELEASE BOUNDARY

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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