

Installation Identity and Scope

Honeywell FC-USI-0002 is a withdrawn Universal Safety Interface used in legacy Safety Manager controllers. Honeywell identifies FX-USI-0002 as the pin-to-pin and function-compatible replacement for systems running Safety Manager R140.1 or later.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	FC-USI-0002
Manufacturer	Honeywell
Hardware type	Universal Safety Interface module
System family	Safety Manager
Official source	Knowledge Article 000070613; Safety Manager Hardware Reference EP-SM.MAN.6284 Issue 1.10

CONTROLLED ENGINEERING COPY

Before replacing FC-USI-0002, record both redundant module identities, controller software release and communication configuration. Use FX-USI-0002 only after confirming R140.1-or-later compatibility and complete the documented online replacement and communication checks.

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FC-USI-0002

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete FC-USI-0002 marking and installed revision.
2	Record the Safety Manager software release before selecting a replacement.
3	Do not use the FX replacement path on releases earlier than R140.1.
4	Record the partner module and redundancy state before an online replacement.
5	Back up controller and communication settings before disturbing the interface.

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	FC-USI-0002
Physical interface	Safety Manager controller at R140.1 or later for the FX replacement path
Companion check	Partner interface module in the redundant controller
Configuration	Approved controller and communication backup
Functional proof	Communication and redundancy acceptance record

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record FC-USI-0002, revision and slot.
Software	Verify the exact Safety Manager release.
Redundancy	Record partner-module identity and healthy state.
Backup	Save controller and interface configuration.
Replacement	Use the approved online or shutdown procedure.
Recognition	Confirm the installed interface is identified correctly.
Communications	Test every configured network and peer path.
Release	Confirm redundancy and safety diagnostics before handback.

CONFIGURATION BOUNDARY

Before replacing FC-USI-0002, record both redundant module identities, controller software release and communication configuration. Use FX-USI-0002 only after confirming R140.1-or-later compatibility and complete the documented online replacement and communication checks.

Expected Technical Values

PARAMETER	VALUE
Module role	Universal Safety Interface
Lifecycle	Withdrawn from sales
Documented replacement	FX-USI-0002
Replacement compatibility	Pin-to-pin and function compatible

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	FC-USI-0002 and installed revision recorded
Compatibility	Software release and replacement path verified
Redundancy	Partner state healthy
Communications	Configured paths proven

Technical Questions to Resolve

QUESTION	ENGINEERING ANSWER
What product lifecycle status does Honeywell publish for FC-USI-0002?	Honeywell identifies it as withdrawn from sales.
Which current module replaces FC-USI-0002?	Honeywell identifies FX-USI-0002 as the documented replacement.
Is the FX replacement pin-compatible with FC-USI-0002?	Yes. Honeywell states it is pin-to-pin and function compatible.
What software release is required before replacing FC-USI-0002?	Safety Manager R140.1 or later is required for the documented FX-USI-0002 replacement path.

Source, Related Products and Release

MODEL	APTER POWER PAGE
Honeywell 51304584-100	Open product page
Honeywell 51304831-100	Open product page
Honeywell 51305072-100	Open product page
Honeywell 51305072-600	Open product page
Honeywell 51305072-700	Open product page
Honeywell 51305348-100	Open product page
Honeywell 51305381-500	Open product page
Honeywell 51305508-200	Open product page

MANUFACTURER SOURCE RECORD

Honeywell System HINTS, August 2019
Knowledge Article 000070613; Safety Manager Hardware Reference EP-SM.MAN.6284 Issue 1.10

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	FC-USI-0002 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
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