

INDUSTRIAL AUTOMATION PRODUCT

FC-IO-0001

Safety Manager I/O Extender Module

Honeywell FC-IO-0001 is a Safety Manager I/O extender module. It extends the I/O communication path within the keyed Safety Manager chassis architecture.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell Safety Manager
Part number	FC-IO-0001
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Module type	FC-IO-0001
Module version	1.1
Function	I/O extender
Approvals	CE; TUV; UL; CSA; FM
Module width	4 TE / 4 HP
Module height	3 HE / 3 U
Supply voltage	5 Vdc
Current consumption	35 mA
Supply ripple	Less than 50 mV peak-to-peak
Module key holes	A5; A7
Chassis key pins	A5; A7

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	Safety Manager chassis
Companion hardware	matched I/O bus or extender connection
Field connection	5 Vdc chassis supply
Primary system function	Extends the Safety Manager I/O communication path
Controlled acceptance duty	Safety Manager I/O expansion

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System Role and Architecture

Honeywell FC-IO-0001 is a Safety Manager I/O extender module. It extends the I/O communication path within the keyed Safety Manager chassis architecture.

FUNCTION 1
Extends the Safety Manager I/O communication path

FUNCTION 2
Fits the keyed Safety Manager chassis position

FUNCTION 3
Uses the documented 5 Vdc module supply

FUNCTION 4
Supports certified safety-system I/O architecture

Matched system components

- Safety Manager chassis
- matched I/O bus or extender connection
- 5 Vdc chassis supply
- approved Safety Manager I/O modules

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Safety Manager chassis
Companion hardware	matched I/O bus or extender connection
Field connection	5 Vdc chassis supply
Primary system function	Extends the Safety Manager I/O communication path
Controlled acceptance duty	Safety Manager I/O expansion

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Applications and Engineering Context

Safety Manager I/O expansion

Extends the Safety Manager I/O communication path

Extender-path maintenance

Fits the keyed Safety Manager chassis position

Safety chassis module replacement

Uses the documented 5 Vdc module supply

I/O communication diagnostic restoration

Supports certified safety-system I/O architecture

TECHNICAL NOTE

Confirm the keyed A5/A7 chassis position and extender-cable identity, isolate the controller as required, then verify I/O communication and safety diagnostics after installation.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	FC-IO-0001 / FC-IO-0001 recorded
Physical interface	Safety Manager chassis
Companion check	matched I/O bus or extender connection
Functional proof	Extends the Safety Manager I/O communication path
Application test	Safety Manager I/O expansion

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Engineering Precautions

1

Verify FC-IO-0001 version 1.1 and the assigned chassis position before removal.

2

Place the Safety Manager application and controlled process in the approved maintenance state.

3

Isolate the applicable chassis supply and field energy before handling the module.

4

Record extender and I/O-bus cable identity before disconnection.

5

Use ESD controls and protect the edge connectors and keyed guides.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
FC-USI-0001	Safety Manager universal safe I/O module	Open product page
900G02-0202	HC900 digital-input module	Open product page
900H02-0202	HC900 digital-output module	Open product page
8C-TDIL01	Series 8 digital-input SOE IOTA	Open product page

MANUFACTURER SOURCE RECORD

Safety Manager Hardware Reference

EP-SM.MAN.6284 R162

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