

INDUSTRIAL AUTOMATION PRODUCT

FC-IOCHAS-0001R

Safety Manager I/O Chassis

Honeywell FC-IOCHAS-0001R is a redundant Safety Manager I/O chassis that provides backplane and module positions for safety I/O assemblies.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Safety Manager
Part number	FC-IOCHAS-0001R
Country	USA
HS code	8537101190

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FC-IOCHAS-0001R

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Chassis type	I/O chassis
Configuration	Redundant
Slot 20 supply	5 Vdc; 35 mA
Slot 21 supply	5 Vdc; 35 mA
Approvals	CE; UL; CSA; TUV; FM

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System Role and Architecture

Honeywell FC-IOCHAS-0001R is a redundant Safety Manager I/O chassis that provides backplane and module positions for safety I/O assemblies.

FUNCTION 1

Houses Safety Manager I/O modules

FUNCTION 2

Supports redundant I/O arrangements

FUNCTION 3

Distributes backplane connections

FUNCTION 4

Provides keyed module positions

Matched system components

- Safety Manager controller
- Approved I/O modules
- Cabinet power distribution
- Chassis backplane connectors

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Applications and Engineering Context

SIL-rated shutdown cabinets

Houses Safety Manager I/O modules

Burner management I/O

Supports redundant I/O arrangements

Fire and gas safety panels

Distributes backplane connections

Process emergency shutdown systems

Provides keyed module positions

TECHNICAL NOTE

Inspect the backplane, slot keys and redundant power paths before installing I/O modules, then prove both chassis supply paths during startup.

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Engineering Precautions

1

Verify the complete FC-IOCHAS-0001R marking and its assigned Safety Manager position before work.

2

Isolate the applicable power and field energy before disconnecting FC-IOCHAS-0001R.

3

Protect FC-IOCHAS-0001R connectors and electronic assemblies with approved ESD controls.

4

Record the installed wiring, channel assignment and configuration before replacement.

5

Match Safety Manager controller and Approved I/O modules to the documented system arrangement.

6

Commission FC-IOCHAS-0001R with controlled status, signal and diagnostic checks.

7

Retain the final sil-rated shutdown cabinets functional-test result in the maintenance record.

MANUFACTURER SOURCE RECORD

Honeywell Safety Manager Hardware Reference

EP-SM.MAN.6284 R162

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