

INDUSTRIAL AUTOMATION PRODUCT

CPCHAS-0001

Safety Manager Controller Chassis

Honeywell CPCHAS-0001 is the Safety Manager controller chassis that houses processor hardware and provides its backplane connections.

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

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



CPCHAS-0001

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Chassis function	Controller housing and backplane
Controller arrangement	Nonredundant or redundant
Module family	Safety Manager
Mounting	Cabinet chassis
Backplane	Integrated

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System Role and Architecture

Honeywell CPCHAS-0001 is the Safety Manager controller chassis that houses processor hardware and provides its backplane connections.

FUNCTION 1

Houses Safety Manager controller modules

FUNCTION 2

Provides the controller backplane

FUNCTION 3

Supports redundant controller arrangements

FUNCTION 4

Maintains keyed module positions

Matched system components

- Safety Manager controller modules
- Approved cabinet mounting
- Controller power modules
- Backplane and chassis connectors

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Applications and Engineering Context

Emergency shutdown controllers

Houses Safety Manager controller modules

Fire and gas controller cabinets

Provides the controller backplane

Burner management processors

Supports redundant controller arrangements

SIL-rated logic solver panels

Maintains keyed module positions

TECHNICAL NOTE

Inspect the chassis backplane, guide rails, slot keys and grounding bond before seating controller or redundancy modules.

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Engineering Precautions

1

Verify the complete CPCHAS-0001 marking and its assigned Safety Manager position before work.

2

Isolate the applicable power and field energy before disconnecting CPCHAS-0001.

3

Protect CPCHAS-0001 connectors and electronic assemblies with approved ESD controls.

4

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

5

Match Safety Manager controller modules and Approved cabinet mounting to the documented system arrangement.

6

Commission CPCHAS-0001 with controlled status, signal and diagnostic checks.

7

Retain the final emergency shutdown controllers functional-test result in the maintenance record.

MANUFACTURER SOURCE RECORD

Honeywell Safety Manager Hardware Reference

EP-SM.MAN.6284 R162

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