

APTER POWER ENGINEERING REFERENCE

10012/1/2

FSC CPU Module with Flash Memory

The 10012/1/2 is an FSC central processing unit with flash memory, executing Honeywell fail-safe logic and coordinating the central hardware used by shutdown and interlock systems.

Parameter	Technical value
Manufacturer	Honeywell
Product model	10012/1/2
Part number	10012/1/2
System family	Honeywell Fail Safe Control
Document	Product Technical Reference
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One verified model, one engineered configuration path.

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SCAN FOR PRODUCT & QUOTE

10012/1/2

1. Product Identity and System Role

The 10012/1/2 is an FSC central processing unit with flash memory, executing Honeywell fail-safe logic and coordinating the central hardware used by shutdown and interlock systems.

System role

- Runs FSC central safety application processing
- Uses flash memory for the CPU program architecture
- Participates in central-part fault detection
- Coordinates safety I/O and communication tasks

Matched components

- FSC central chassis
- FSC watchdog hardware
- FSC communication module
- Validated FSC application image

2. Technical Specifications

Parameter	Technical value
Module model	10012/1/2
Module type	Central processing unit
Memory technology	Flash memory
System family	Fail Safe Control
Hardware section	Central part
Country	USA
HS code	8537101190

3. Functions, Applications and Components

Core functions

- Runs FSC central safety application processing
- Uses flash memory for the CPU program architecture
- Participates in central-part fault detection
- Coordinates safety I/O and communication tasks

Industrial applications

- Refinery emergency shutdown
- Offshore platform safety logic
- Boiler and furnace trips
- Chemical-process interlock systems

Compatible system components

- FSC central chassis
- FSC watchdog hardware
- FSC communication module
- Validated FSC application image

4. Engineering Precautions and Source

Product precautions

- Identify the validated application image before CPU exchange.
- Control electrostatic discharge throughout handling.
- Maintain the approved safety-system state during module work.
- Complete central-part diagnostics before returning loops to service.

Manufacturer source

Honeywell FSC Hardware Manual
FS02500 / PM.MAN.8048 Rev. 02

RETURN-TO-SERVICE CHECK

Confirm model 10012/1/2, cabinet wiring, control-system channel assignment and the intended field response before releasing the equipment for production.