

APTER POWER ENGINEERING REFERENCE

10002/1/2

FSC Central Processing Unit Module

The 10002/1/2 is a Honeywell Fail Safe Control CPU module that performs central safety-logic processing and accesses the FSC memory architecture for deterministic shutdown and interlock execution.

Parameter	Technical value
Manufacturer	Honeywell
Product model	10002/1/2
Part number	10002/1/2
System family	Honeywell Fail Safe Control
Document	Installation & Application Guide
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

10002/1/2

2. Installation Planning

The 10002/1/2 is a Honeywell Fail Safe Control CPU module that performs central safety-logic processing and accesses the FSC memory architecture for deterministic shutdown and interlock execution.

Pre-installation sequence

- Record all nine jumper positions before replacement.
- Protect the CPU and memory circuitry from electrostatic discharge.
- Keep the safety application in its approved stopped state during hardware work.
- Run the specified FSC startup and diagnostic sequence after installation.

Matched components

- FSC central chassis
- FSC memory and communication modules
- FSC power and watchdog hardware
- Approved FSC engineering configuration

3. Wiring and Interface Checks

Installation item	Required technical value
Module model	10002/1/2
Module type	CPU module
System family	Fail Safe Control
RAM access time	100 ns maximum
On-board jumpers	9
Hardware data-sheet version	2.0
Country	USA
HS code	8537101190

Interface controls

- Use only the 10002/1/2 hardware identity and the matched components listed for this product.
- Record wiring, polarity, addressing or channel allocation before disturbing installed conductors.
- Keep field circuits de-energized until continuity and insulation checks are complete.
- Apply the product-specific limits in the table during loop or channel testing.

4. Commissioning and Functional Test

- 1 Confirm that 10002/1/2 and part number 10002/1/2 match the cabinet record.
- 2 Verify the connection to FSC central chassis before applying operating power.
- 3 Check the product function: executes central fsc safety-control processing.
- 4 Simulate or apply a controlled signal for emergency shutdown systems.
- 5 Compare the channel indication or output state with the control database.
- 6 Record baseline values and restore the field circuit to its operating configuration.

5. Diagnostics and Return to Service

Product-specific diagnostic questions

How should an engineer verify nine-jumper record on 10002/1/2?

Use the 10002/1/2 technical limit or configuration stated for nine-jumper record, then verify it at the installed channel before service.

What must be checked for 100 ns RAM access on 10002/1/2?

Treat 100 ns RAM access as a product-specific commissioning point and compare the field condition with the Honeywell hardware configuration.

Which system detail controls central-chassis position on 10002/1/2?

The required check concerns central-chassis position; confirm the connected hardware is the matched component listed for 10002/1/2.

Why is it important to confirm memory interface on 10002/1/2?

For memory interface, isolate the circuit, record its present configuration and apply the stated Honeywell limit before re-energization.

RETURN-TO-SERVICE CHECK

Confirm model 10002/1/2, cabinet wiring, control-system channel assignment and the intended field response before releasing the equipment for production.