

APTER POWER ENGINEERING REFERENCE

10005/1/1

FSC Watchdog Module

The 10005/1/1 is the FSC watchdog module that independently supervises central processor execution and contributes to the fault-detection path used to place safety functions in their designed safe state.

Parameter	Technical value
Manufacturer	Honeywell
Product model	10005/1/1
Part number	10005/1/1
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.

WHATSAPP / PHONE

EMAIL

WEBSITE

+86 180 3023 5313

sales13@apterpower.com

www.apterpower.com



SCAN FOR PRODUCT & QUOTE

10005/1/1

1. Product Identity and System Role

The 10005/1/1 is the FSC watchdog module that independently supervises central processor execution and contributes to the fault-detection path used to place safety functions in their designed safe state.

System role

- Supervises the health of FSC central processing
- Participates in central-part fault detection
- Supports fail-safe response when execution supervision is lost
- Provides an independent hardware monitoring path

Matched components

- FSC CPU module
- FSC central chassis
- FSC power distribution
- Approved safety application and diagnostics

2. Technical Specifications

Parameter	Technical value
Module model	10005/1/1
Module type	Watchdog module
System family	Fail Safe Control
Hardware data-sheet version	2.0
Country	USA
HS code	8537101190

3. Functions, Applications and Components

Core functions

- Supervises the health of FSC central processing
- Participates in central-part fault detection
- Supports fail-safe response when execution supervision is lost
- Provides an independent hardware monitoring path

Industrial applications

- Safety-instrumented shutdown controllers
- Fire and gas logic solvers
- Burner management systems
- High-integrity compressor trip panels

Compatible system components

- FSC CPU module
- FSC central chassis
- FSC power distribution
- Approved safety application and diagnostics

4. Engineering Precautions and Source

Product precautions

- Do not bypass the watchdog during live safety service.
- Confirm the safety system is in the authorized maintenance state.
- Inspect central-chassis connectors before insertion.
- Prove watchdog fault response during the approved test procedure.

Manufacturer source

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

RETURN-TO-SERVICE CHECK

Confirm model 10005/1/1, cabinet wiring, control-system channel assignment and the intended field response before releasing the equipment for production.