

INDUSTRIAL AUTOMATION PRODUCT

10311/2/1

FSC Dual Key-Switch Assembly

Honeywell 10311/2/1 is a dual key-switch assembly used on an FSC node to provide controlled RESET and FORCE ENABLE contact functions.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Fail Safe Controller
Part number	10311/2/1
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Switch functions	RESET; FORCE ENABLE
Switch arrangement	Dual key-switch
System node	FSC
Contact configuration	Change-over contacts

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System Role and Architecture

Honeywell 10311/2/1 is a dual key-switch assembly used on an FSC node to provide controlled RESET and FORCE ENABLE contact functions.

FUNCTION 1

Provides keyed FSC reset authorization

FUNCTION 2

Provides keyed force-enable authorization

FUNCTION 3

Separates the two service functions

FUNCTION 4

Mounts in the documented FSC operator circuit

Matched system components

- FSC node wiring
- Reset and force-enable control circuit
- Approved cabinet terminals
- FSC maintenance procedure

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Applications and Engineering Context

FSC cabinet reset station

Provides keyed FSC reset authorization

Force-enable access panel

Provides keyed force-enable authorization

Safety-system maintenance console

Separates the two service functions

Controlled shutdown troubleshooting

Mounts in the documented FSC operator circuit

TECHNICAL NOTE

Wire each change-over contact to the documented FSC circuit and verify that the key can be removed only in the intended operating position.

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Engineering Precautions

1

Verify the complete 10311/2/1 marking and its assigned Fail Safe Controller position before work.

2

Isolate the applicable power and field energy before disconnecting 10311/2/1.

3

Protect 10311/2/1 connectors and electronic assemblies with approved ESD controls.

4

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

5

Match FSC node wiring and Reset and force-enable control circuit to the documented system arrangement.

6

Commission 10311/2/1 with controlled status, signal and diagnostic checks.

7

Retain the final fsc cabinet reset station functional-test result in the maintenance record.

MANUFACTURER SOURCE RECORD

Honeywell System HINTS September 2022

FSC node hardware list

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