

10024/H/I

FSC enhanced communication module

Configured internal CP and RS-422/RS-485 serial communication data

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

Honeywell FSC safety system

PART

10024/H/I

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PRODUCT OVERVIEW

Configured internal CP and RS-422/RS-485 serial communication data

1

Provides the FSC node enhanced communications role

2

Interfaces the installed internal CP path

3

Connects configured RS-422/RS-485 serial equipment

4

Supports controlled safety-system communication verification

SYSTEM COMPONENTS

Honeywell FSC node

installed internal CP connection

RS-422/RS-485 field link

validated FSC application and node record

TECHNICAL NOTE

Confirm the complete 10024/H/I marking, FSC node position, internal CP connection and RS-422/RS-485 wiring identity before removal; prove node diagnostics and communications after restoration.

TECHNICAL DATA

PARAMETER	VALUE
Model	10024/H/I
Node family	FSC node
Module function	Enhanced COM module

PARAMETER	VALUE
Internal interface	CP
Serial interface	RS-422/RS-485

ENGINEERING NOTE

Confirm the complete 10024/H/I marking, FSC node position, internal CP connection and RS-422/RS-485 wiring identity before removal; prove node diagnostics and communications after restoration.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
51303940-200	Related Honeywell product	View 51303940-200 page
CC-TAIX61-51307077-175	Related Honeywell product	View CC-TAIX61-51307077-175 page
DC-TPOX01-51307770-176	Related Honeywell product	View DC-TPOX01-51307770-176 page
MC-TDID52-51304441-275	Related Honeywell product	View MC-TDID52-51304441-275 page
SC-UCMX01-51307195-175	Related Honeywell product	View SC-UCMX01-51307195-175 page
51402573-100	Related Honeywell product	View 51402573-100 page
8C-IP0101-51454362-175	Related Honeywell product	View 8C-IP0101-51454362-175 page
51199932-200-51199932-20...	Related Honeywell product	View 51199932-200-51199932-20... page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

FSC node serial integration

Provides the FSC node enhanced communications role

Safety-system communication restoration

Interfaces the installed internal CP path

RS-485 engineering connection

Connects configured RS-422/RS-485 serial equipment

Installed-base module replacement

Supports controlled safety-system communication verification

PRODUCT PRECAUTIONS

- 1 Verify 10024/H/I and its assigned FSC node position before work.
- 2 Place the safety function and connected process in the approved maintenance state.
- 3 Isolate the node supply and serial field energy before disturbing conductors.
- 4 Record the internal CP path, RS-422/RS-485 polarity, shields and terminal identities.
- 5 Use ESD controls and protect the module connectors and printed-circuit assembly.
- 6 Restore only the validated FSC node configuration and communication parameters.
- 7 Check termination and network bias against the installed serial topology.
- 8 Prove node diagnostics, link status and controlled data exchange before service.

ENGINEER FAQ

Q1 Does 10024/H/I match Honeywell FSC node in a FSC node serial integration installation?

Verify the complete 10024/H/I marking, the documented Honeywell FSC safety system position and the installed Honeywell FSC node before fitting the assembly.

Q3 Which Honeywell FSC safety system records should be captured before removing 10024/H/I?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with 10024/H/I before disconnection.

Q5 Which installed internal CP connection condition should be checked when 10024/H/I reports an abnormal state?

Check the installed internal CP connection supply, seating and connection first, then compare channel diagnostics with the recorded 10024/H/I baseline.

Q7 What maintenance evidence is required after 10024/H/I is used for RS-485 engineering connection?

Retain the nameplate record, corrective action, final diagnostics and a controlled rs-485 engineering connection functional-test result for 10024/H/I.

Q2 How should 10024/H/I be wired when it must provides the fsc node enhanced communications role?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for 10024/H/I; then continuity-test the affected path.

Q4 What controlled test confirms that 10024/H/I can interfaces the installed internal cp path?

Apply the approved field or simulated stimulus, observe the Honeywell FSC safety system indication and confirm the intended response without bypassing the normal interlocks.

Q6 Can 10024/H/I be moved directly into Safety-system communication restoration without validating validated FSC application and node record?

No. Confirm the validated FSC application and node record, revision, connection scheme and Honeywell FSC safety system configuration before transferring 10024/H/I to that duty.

Q8 How should 10024/H/I be returned to service in Installed-base module replacement?

Restore power under control, verify connects configured rs-422/rs-485 serial equipment, exercise the intended signal path and release 10024/H/I only after the Honeywell FSC safety system remains in its approved operating state.

SOURCE Honeywell Safety Manager FSC System HINTS | September 2022

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