

10014/H/I

RS-422/RS-485 Communication Module

CONTROLLED ENGINEERING COPY

Preserve polarity, shield treatment and termination locations, match every serial setting and verify read-only traffic before enabling control writes.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	10014/H/I
Manufacturer part	10014/H/I
Hardware type	RS-422; RS-485
System family	Fail Safe Controller



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10014/H/I

01 PRE-INSTALLATION PLAN

- 1

Verify the complete 10014/H/I marking and its assigned Fail Safe Controller position before work.
- 2

Isolate the energy associated with FSC Central Part before disconnecting 10014/H/I.
- 3

Protect the 10014/H/I connectors and electronic assembly using approved ESD controls.
- 4

Record the as-found Shielded RS-422 or RS-485 cable connections and configured assignment before replacement.
- 5

Confirm Configured serial peer matches the approved installation record for 10014/H/I.

MATCHED HARDWARE

- FSC Central Part
- Shielded RS-422 or RS-485 cable
- Configured serial peer
- Termination and bias network

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	10014/H/I / 10014/H/I recorded
Physical interface	FSC Central Part
Companion check	Shielded RS-422 or RS-485 cable
Functional proof	Interfaces the FSC Central Part to balanced serial networks
Application test	Multidrop safety-system integration

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Electrical interface	RS-422; RS-485
System interface	FSC Central Part
Program storage	FLASH

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	FSC Central Part
Companion hardware	Shielded RS-422 or RS-485 cable
Field connection	Configured serial peer
Primary system function	Interfaces the FSC Central Part to balanced serial networks
Controlled acceptance duty	Multidrop safety-system integration

FIELD NOTE

Preserve polarity, shield treatment and termination locations, match every serial setting and verify read-only traffic before enabling control writes.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	10014/H/I / 10014/H/I recorded
Physical interface	FSC Central Part
Companion check	Shielded RS-422 or RS-485 cable
Functional proof	Interfaces the FSC Central Part to balanced serial networks
Application test	Multidrop safety-system integration

04 RETURN-TO-SERVICE RECORD

- ☐ Restore 10014/H/I under controlled conditions and review its model-specific diagnostics.
- ☐ Complete a documented functional test for multidrop safety-system integration before release.
- ☐ Confirm the intended process response before normal operation.

VERIFICATION RECORD

TECHNICIAN

DATE

CABINET / POSITION

FINAL DIAGNOSTIC STATE

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
10014/F/F	FSC dual RS-232 communication module	Open product page
10002/1/2	FSC control and I/O system module	Open product page
10005/1/1	FSC system module	Open product page
10012/1/2	FSC system interface module	Open product page

SOURCE IDENTIFIERS

Honeywell Fail Safe Controller Hardware Manual
FS02500

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