

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

10014/F/F

Dual RS-232 Communication Module

CONTROLLED ENGINEERING COPY

Record both port assignments and serial settings, isolate connected equipment and verify controlled receive/transmit operation on each channel after installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	10014/F/F
Part number	10014/F/F
Hardware type	2
System family	Fail Safe Controller



APTER POWER SALES TEAM

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



10014/F/F

01 PRE-INSTALLATION PLAN

- 1

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

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

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

Record the as-found Two RS-232 serial cables connections and configured assignment before replacement.
- 5

Confirm Configured peer devices matches the approved installation record for 10014/F/F.

MATCHED HARDWARE

- FSC Central Part
- Two RS-232 serial cables
- Configured peer devices
- FSC communication application

SERIAL-CHANNEL MATCHING RECORD

RECORD ITEM	REQUIRED ENTRY
Model identity	10014/F/F marking retained in the cabinet record
Channel allocation	Both installed serial-port assignments recorded
Cable identity	Both RS-232 cable tags and peer devices matched
Output behavior	Tri-state output duty checked during controlled test
Firmware record	Installed FLASH program revision recorded

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Interface channels	2
Electrical interface	RS-232
Output state	Tri-state
Program storage	FLASH

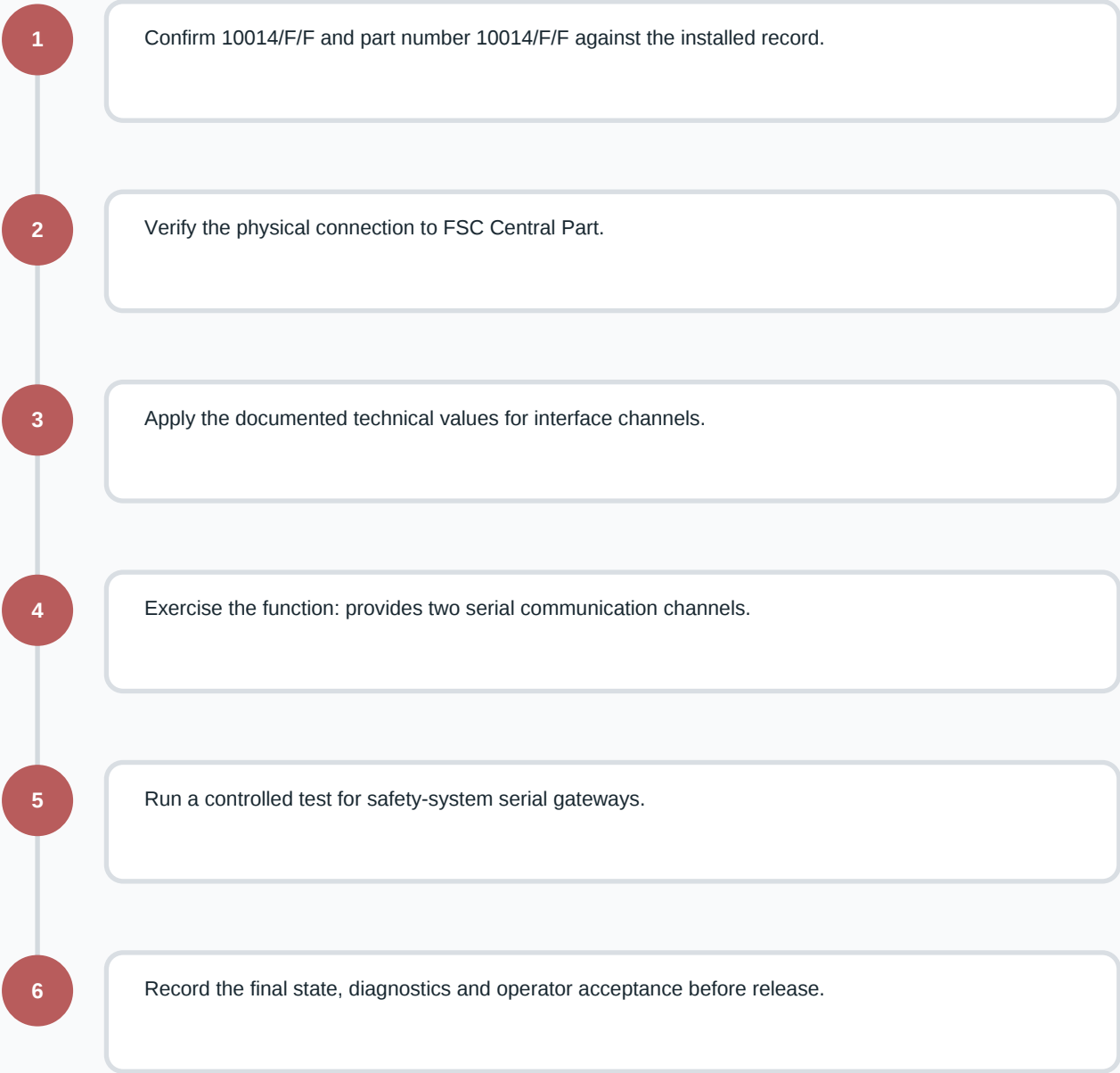
DUAL RS-232 INTERFACE CHECK

CHECK ITEM	REQUIRED VALUE
Serial channel 1	RS-232 interface with tri-state output
Serial channel 2	RS-232 interface with tri-state output
Controller side	FSC Central Part communication path
Equipment side	Two installed RS-232 serial cables
Application storage	FLASH program storage

FIELD NOTE

Record both port assignments and serial settings, isolate connected equipment and verify controlled receive/transmit operation on each channel after installation.

03 COMMISSIONING WORKFLOW



DUAL-CHANNEL COMMISSIONING EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Model identity	10014/F/F marking retained in the cabinet record
Channel allocation	Both installed serial-port assignments recorded
Cable identity	Both RS-232 cable tags and peer devices matched
Output behavior	Tri-state output duty checked during controlled test
Firmware record	Installed FLASH program revision recorded
Return to service	Receive and transmit operation proven per channel

04 RETURN-TO-SERVICE RECORD

- ☐ Restore 10014/F/F under controlled conditions and review its model-specific diagnostics.
- ☐ Complete a documented functional test for safety-system serial gateways 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/H/F	FSC 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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