

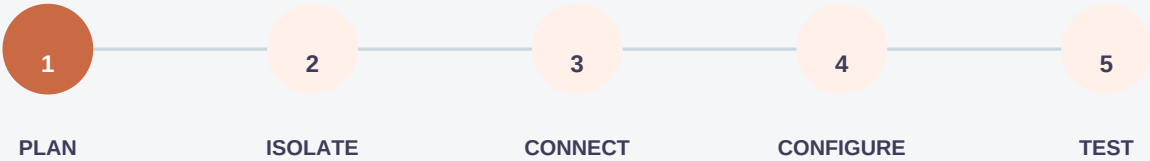
TC-FTEB01 51309512-125

TC-FTEB01 Fault Tolerant Ethernet Bridge

CONTROLLED ENGINEERING COPY

Honeywell TC-FTEB01 51309512-125 is the TC-FTEB01 Fault Tolerant Ethernet Bridge used for bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network in a documented Honeywell Experion C200 / Series A installation. Confirm the complete identity and installed system configuration before replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	TC-FTEB01 51309512-125
Manufacturer	Honeywell
System family	Honeywell Experion C200 / Series A
Record scope	Installation, application and verification



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

01 PRE-INSTALLATION PLAN

- 1

Confirm the complete TC-FTEB01 51309512-125 identity on the hardware and maintenance record.
- 2

Place the affected Honeywell Experion C200 / Series A process in the approved maintenance state.
- 3

Record the installed position, connectors, terminals, wiring and configuration before removal.
- 4

Isolate all documented power and field energy and apply ESD controls where required.
- 5

Inspect the replacement identity, revision, interfaces and mating hardware before installation.

MATCHED HARDWARE

- Honeywell TC-FTEB01 51309512-125 with exact visible identity
- Matched Honeywell Experion C200 / Series A host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	TC-FTEB01 51309512-125 recorded
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product type	Fault Tolerant Ethernet Bridge module
Model	TC-FTEB01
Manufacturer item number	51309512-125
Execution	Uncoated TC version
Network	Honeywell Fault Tolerant Ethernet
Supported chassis role	C200 controller or FIM-only chassis
Quantity per chassis	One FTE Bridge
Service requirement	Device Index, cable-shield ground jumper, MAC addresses and firmware verification

RELATED PRODUCT PAGES

1

Honeywell 51401496-100

2

Honeywell 51401642-150

3

Honeywell 621-2200RC

4

Honeywell 8C-PAOH51 51454355-175

5

Honeywell 8C-TAIMA1 51307171-175

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Honeywell 8C-TAOXA1 51307135-175

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Honeywell 8C-TDILA1 51307141-175

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Honeywell MC-PAOX03 51309152-175

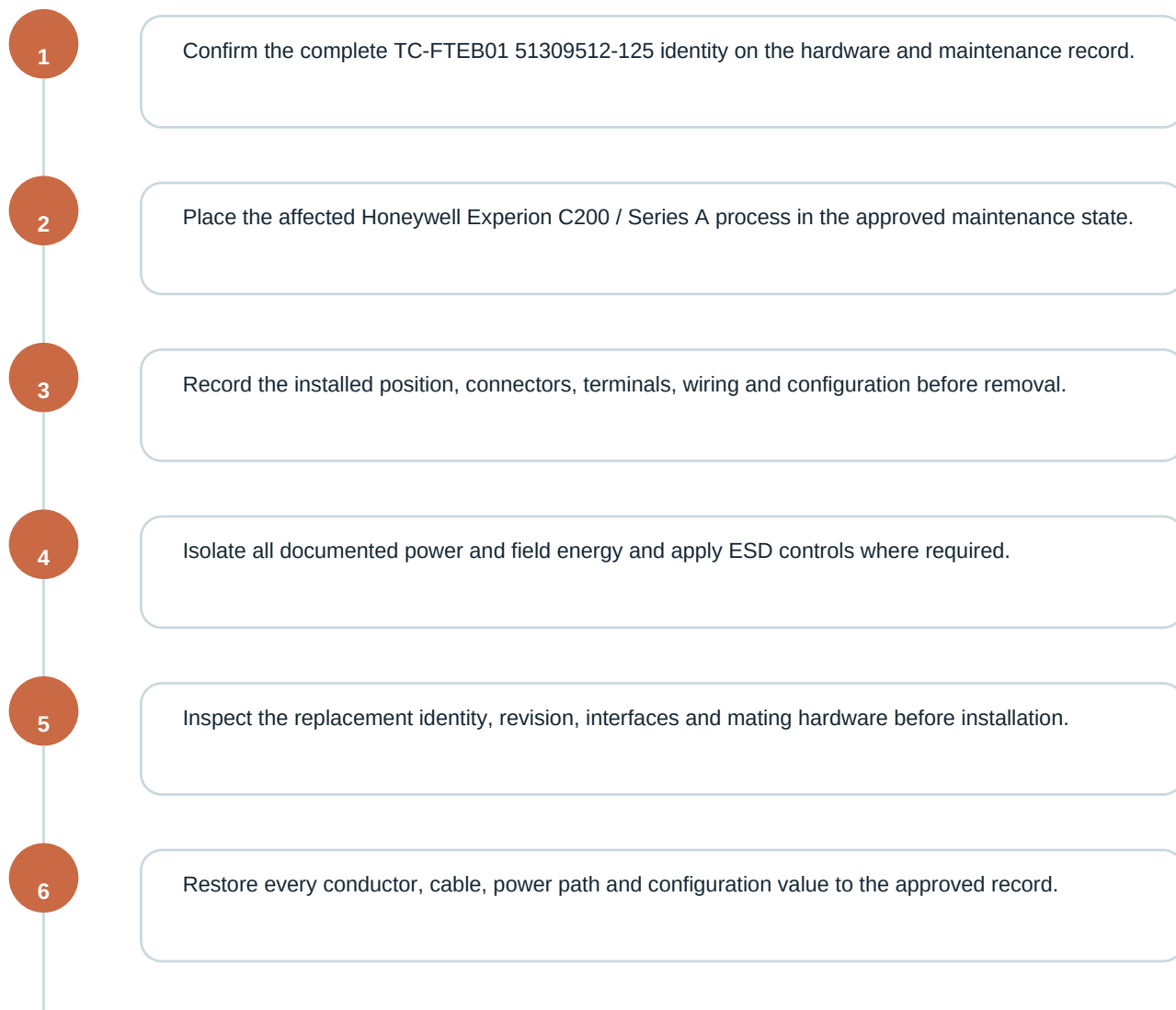
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Honeywell MC-TAIH12 51304337-150

FIELD NOTE

Confirm TC-FTEB01 51309512-125 and the installed system before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	TC-FTEB01 51309512-125
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network

04 RETURN-TO-SERVICE RECORD

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network before release.

VERIFICATION RECORD

PRODUCT IDENTITY	TC-FTEB01 51309512-125
INSTALLED POSITION	Documented Honeywell Experion C200 / Series A position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network before release.

SOURCE IDENTIFIERS

Honeywell Fault Tolerant Ethernet Bridge Implementation Guide | Honeywell manufacturer publication