

TC-FTEB01 51309512-125

TC-FTEB01 Fault Tolerant Ethernet Bridge

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Honeywell Experion C200 / Series A
Part number	TC-FTEB01 51309512-125
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install TC-FTEB01 51309512-125 only in its documented Honeywell Experion C200 / Series A position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network under controlled conditions.

System Role and Architecture

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

FUNCTION 1
Execution: Uncoated TC version

FUNCTION 2
Network: Honeywell Fault Tolerant Ethernet

FUNCTION 3
Supported chassis role: C200 controller or FIM-only chassis

FUNCTION 4
Quantity per chassis: One FTE Bridge

RELATED APTER POWER 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	6 Honeywell 8C-TAOXA1 51307135-175
7 Honeywell 8C-TDILA1 51307141-175	8 Honeywell MC-PAOX03 51309152-175	9 Honeywell MC-TAIH12 51304337-150

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Honeywell Experion C200 / Series A
02	Matched Honeywell Experion C200 / Series A host and field interface
03	Documented power, signal, communication and grounding connections
04	Approved configuration, diagnostics and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Honeywell Experion C200 / Series A
Interface role	bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network
Field / power context	documented Honeywell Experion C200 / Series A installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

- 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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

RELATED PRODUCT PAGES

1 Honeywell 51401496-100

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8 Honeywell MC-PAOX03 51309152-175

9 Honeywell MC-TAIH12 51304337-150

ENGINEERING BOUNDARY

Confirm TC-FTEB01 51309512-125, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

TC-FTEB01 Fault Tolerant Ethernet Bridge

Provides bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network in the approved Honeywell Experion C200 / Series A architecture.

Installed-system maintenance

Preserves the documented slot, termination, wiring and configuration during replacement.

Controlled commissioning

Restores power and signals in the approved sequence and reviews diagnostics.

Acceptance verification

Confirms the intended channel, network or safety function before release.

TECHNICAL NOTE

Install TC-FTEB01 51309512-125 only in its documented Honeywell Experion C200 / Series A position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and bridging a C200 controller or FIM-only chassis to the Fault Tolerant Ethernet supervisory network under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	TC-FTEB01 51309512-125 recorded
Host / carrier	Honeywell Experion C200 / Series A
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

IMPORTANT NOTICE

Confirm TC-FTEB01 51309512-125, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Honeywell 51401496-100

View Honeywell 51401496-100 page

2

Honeywell 51401642-150

View Honeywell 51401642-150 page

3

Honeywell 621-2200RC

View Honeywell 621-2200RC page

4

Honeywell 8C-PAOH51 51454355-175

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5

Honeywell 8C-TAIMA1 51307171-175

View Honeywell 8C-TAIMA1 51307171-175 page

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Honeywell 8C-TAOXA1 51307135-175

View Honeywell 8C-TAOXA1 51307135-175 page

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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

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MANUFACTURER SOURCE RECORD

Honeywell Fault Tolerant Ethernet Bridge Implementation Guide | Honeywell manufacturer publication

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.