

MC-TAIH12 51304337-150

MC-TAIH12 High-Level Analog Input/STI FTA

Honeywell MC-TAIH12 51304337-150 is the MC-TAIH12 High-Level Analog Input/STI FTA used for termination of sixteen high-level analog or smart-transmitter input channels in a documented PM/APM/HPM Process Manager I/O installation. Confirm the complete identity and installed system configuration before replacement.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	PM/APM/HPM Process Manager I/O
Part number	MC-TAIH12 51304337-150
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 MC-TAIH12 51304337-150 only in its documented PM/APM/HPM Process Manager I/O position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and termination of sixteen high-level analog or smart-transmitter input channels under controlled conditions.

System Role and Architecture

Honeywell MC-TAIH12 51304337-150 is the MC-TAIH12 High-Level Analog Input/STI FTA used for termination of sixteen high-level analog or smart-transmitter input channels in a documented PM/APM/HPM Process Manager I/O installation. Confirm the complete identity and installed system configuration before replacement.

FUNCTION 1
Channels: 16

FUNCTION 2
Terminal type: Compression

FUNCTION 3
Mounting size: B

FUNCTION 4
Coating: Conformally coated

RELATED APTER POWER PAGES		
1 Honeywell MC-PAOX03 51309152-175	2 Honeywell MC-TAOX12 51304335-175	3 Honeywell MC-TDOR12 51309148-175
4 Honeywell MU-PAOX03 51304672-100	5 Honeywell MU-TAIH12 51304337-100	6 Honeywell MU-TAOX12 51304335-100
7 Honeywell MU-TAOX12 51304335-125	8 Honeywell 51401496-100	9 Honeywell 51401642-150

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	PM/APM/HPM Process Manager I/O
02	Matched PM/APM/HPM Process Manager I/O 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	PM/APM/HPM Process Manager I/O
Interface role	termination of sixteen high-level analog or smart-transmitter input channels
Field / power context	documented PM/APM/HPM Process Manager I/O installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete MC-TAIH12 51304337-150 identity on the hardware and maintenance record.
- 2

Place the affected PM/APM/HPM Process Manager I/O 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	HLAI/STI Field Termination Assembly	Mounting size	B
FTA model	MC-TAIH12	Coating	Conformally coated
Manufacturer item number	51304337-150	Compliance execution	Non-CE part
Channels	16	Redundancy	Supported in the documented arrangement
Terminal type	Compression		

RELATED PRODUCT PAGES

1 Honeywell MC-PAOX03
51309152-175

2 Honeywell MC-TAOX12
51304335-175

3 Honeywell MC-TDOR12
51309148-175

4 Honeywell MU-PAOX03
51304672-100

5 Honeywell MU-TAIH12 51304337-100

6 Honeywell MU-TAOX12
51304335-100

7 Honeywell MU-TAOX12
51304335-125

8 Honeywell 51401496-100

9 Honeywell 51401642-150

ENGINEERING BOUNDARY

Confirm MC-TAIH12 51304337-150, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete MC-TAIH12 51304337-150 identity on the hardware and maintenance record.
- 2

Place the affected PM/APM/HPM Process Manager I/O 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

MC-TAIH12 High-Level Analog Input/STI FTA

Provides termination of sixteen high-level analog or smart-transmitter input channels in the approved PM/APM/HPM Process Manager I/O 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 MC-TAIH12 51304337-150 only in its documented PM/APM/HPM Process Manager I/O position. Preserve the exact interfaces, wiring and configuration, then verify diagnostics and termination of sixteen high-level analog or smart-transmitter input channels under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	MC-TAIH12 51304337-150 recorded
Host / carrier	PM/APM/HPM Process Manager I/O
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 termination of sixteen high-level analog or smart-transmitter input channels

IMPORTANT NOTICE

Confirm MC-TAIH12 51304337-150, 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 MC-PAOX03 51309152-175

View Honeywell MC-PAOX03 51309152-175 page

2

Honeywell MC-TAOX12 51304335-175

View Honeywell MC-TAOX12 51304335-175 page

3

Honeywell MC-TDOR12 51309148-175

View Honeywell MC-TDOR12 51309148-175 page

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Honeywell MU-PAOX03 51304672-100

View Honeywell MU-PAOX03 51304672-100 page

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Honeywell MU-TAIH12 51304337-100

View Honeywell MU-TAIH12 51304337-100 page

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Honeywell MU-TAOX12 51304335-100

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Honeywell MU-TAOX12 51304335-125

View Honeywell MU-TAOX12 51304335-125 page

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Honeywell 51401496-100

View Honeywell 51401496-100 page

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Honeywell 51401642-150

View Honeywell 51401642-150 page

MANUFACTURER SOURCE RECORD

Honeywell Experion Control Hardware Planning Guide R301.1 | 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.