

MU-TAIH12 51304337-100

MU-TAIH12 High-Level Analog Input/STI FTA

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PRODUCT SNAPSHOT

BRAND
Honeywell

FAMILY
PM/APM/HPM Process Manager I/O

PART
MU-TAIH12 51304337-100

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Honeywell MU-TAIH12 51304337-100 provides termination of sixteen high-level analog or smart-transmitter inputs in the uncoated execution in a documented PM/APM/HPM Process Manager I/O installation.

Channels: 16

Terminal type: Compression

Mounting size: B

Coating: Uncoated

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4 Honeywell MC-TDOR12 51309148-175	5 Honeywell MU-PAOX3 51304672-100	6 Honeywell MU-TAOX12 51304335-100
7 Honeywell MU-TAOX12 51304335-125	8 Honeywell 51401496-100	9 Honeywell 51401642-150

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to its installed host, interface hardware and engineering configuration. Commissioning restores that architecture and verifies the intended function under controlled conditions.

TECHNICAL DATA

PARAMETER	VALUE	PARAMETER	VALUE
Product type	HLAI/STI Field Termination Assembly	Mounting size	B
FTA model	MU-TAIH12	Coating	Uncoated
Manufacturer item number	51304337-100	Compliance execution	Non-CE part
Channels	16	Redundancy	Supported in the documented arrangement
Terminal type	Compression		

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7 Honeywell MU-TAOX12 51304335-125	8 Honeywell 51401496-100	9 Honeywell 51401642-150

TECHNICAL NOTE

Install MU-TAIH12 51304337-100 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 inputs in the uncoated execution under controlled conditions.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

MU-TAIH12 High-Level Analog Input/STI FTA

Provides termination of sixteen high-level analog or smart-transmitter inputs in the uncoated execution in

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.

PRODUCT PRECAUTIONS

- 1 Confirm the complete MU-TAIH12 51304337-100 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.
- 5 Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- 6 Restore every conductor, cable, power path and configuration value to the approved record.
- 7 Review host, module, channel or network diagnostics after controlled energization.
- 8 Perform a controlled test that proves termination of sixteen high-level analog or smart-transmitter inputs in

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51309152-175

2 Honeywell MC-TAIH12 51304337-150

3 Honeywell MC-TAOX12
51304335-175

4 Honeywell MC-TDOR12
51309148-175

5 Honeywell MU-PAOX03
51304672-100

6 Honeywell MU-TAOX12
51304335-100

7 Honeywell MU-TAOX12
51304335-125

8 Honeywell 51401496-100

9 Honeywell 51401642-150

ENGINEER FAQ

Q1 Which input families connect through MU-TAIH12 51304337-100?

High-level analog and smart-transmitter input loops connect through this FTA.

Q2 What is the channel capacity of MU-TAIH12 51304337-100?

It accommodates sixteen channels.

Q3 Which conductor termination is used on MU-TAIH12 51304337-100?

It uses compression terminals.

Q4 How is MU-TAIH12 51304337-100 identified mechanically?

The planning guide assigns it mounting size B.

Q5 What coating applies to MU-TAIH12 51304337-100?

This MU version is uncoated.

Q6 Which compliance version is MU-TAIH12 51304337-100?

It is the non-CE item.

Q7 What must remain paired with MU-TAIH12 51304337-100?

Keep the matched IOP, IOP-to-FTA cable, channel configuration and any redundancy arrangement.

Q8 Which checks complete MU-TAIH12 51304337-100 commissioning?

Confirm polarity, input type, measured signal, diagnostics and controlled response for every assigned channel.

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SOURCE Honeywell Experion Control Hardware Planning Guide R301.1 | Honeywell manufacturer publication

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