

MC-TAIH12 51304337-150

MC-TAIH12 High-Level Analog Input/STI FTA

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PRODUCT SNAPSHOT

BRAND
Honeywell

FAMILY
PM/APM/HPM Process Manager I/O

PART
MC-TAIH12 51304337-150

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Honeywell MC-TAIH12 51304337-150 provides termination of sixteen high-level analog or smart-transmitter input channels in a documented PM/APM/HPM Process Manager I/O installation.

Channels: 16

Terminal type: Compression

Mounting size: B

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

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	HIAI/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

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51309152-175

2

Honeywell MC-TAOX12
51304335-175

3

Honeywell MC-TDOR12
51309148-175

4

Honeywell MU-PAOX03
51304672-100

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Honeywell MU-TAIH12 51304337-100

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Honeywell MU-TAOX12
51304335-100

7

Honeywell MU-TAOX12
51304335-125

8

Honeywell 51401496-100

9

Honeywell 51401642-150

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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

MC-TAIH12 High-Level Analog Input/STI FTA

Provides termination of sixteen high-level analog or smart-transmitter input channels in the approved

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 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.
- 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 input

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ENGINEER FAQ

Q1 What signals terminate on MC-TAIH12 51304337-150?

It terminates high-level analog and smart-transmitter inputs.

Q2 How many field channels are provided by MC-TAIH12 51304337-150?

The assembly provides sixteen channels.

Q3 Which terminal style is fitted to MC-TAIH12 51304337-150?

It uses compression terminals.

Q4 What mounting size applies to MC-TAIH12 51304337-150?

The planning guide identifies mounting size B.

Q5 Is MC-TAIH12 51304337-150 conformally coated?

Yes. The MC execution is conformally coated.

Q6 Does MC-TAIH12 51304337-150 identify the CE execution?

No. This item number is the documented non-CE execution.

Q7 Can MC-TAIH12 51304337-150 participate in a redundant input arrangement?

Yes, when installed with the matched IOP and documented redundant wiring.

Q8 What should be proven after replacing MC-TAIH12 51304337-150?

Check channel identity, polarity, configured input type, diagnostics and controlled response on every assigned loop.

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

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