

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Honeywell MC-TDID12 51304441-175

Product Reference

24 VDC digital input field termination assembly

DOCUMENT SCOPE

Apter Power product reference prepared from product-specific Honeywell technical information. Confirm the complete product identity and installed-system requirements before use. No product photograph is included.

Product / lookup identity	Honeywell MC-TDID12 51304441-175
Reference number	51304441-175
Document basis	Product-specific Honeywell technical information



Product page

<https://www.apterpower.com/Honeywell/mc-tdid12>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Honeywell MC-TDID12 is a 24 VDC digital input field termination assembly with compression terminals. Its primary hardware function is 24 VDC digital input field termination assembly. System context: 24 VDC digital input field termination assembly.

Technical parameter	Technical value
FTA type	Digital input
Input voltage	24 VDC
Terminal type	Compression
Compliance version	CE-compliant
Coating	Conformal coated
Verification Status	Product Reference

System function and signal path

01	System Inputs: 24 VDC digital input field termination assembly
02	Processing: Honeywell MC-TDID12 is a 24 VDC digital input field termination assembly with compression terminals. Its CE-compliant part number is 51304441-175.

Applications and answers

1 MC-TDID12 installed-base replacement: Supports like-for-like maintenance of the documented 24 VDC digital input field termination assembly.

2 MC-TDID12 compatibility review: Checks the host hardware, slot or mounting position, companion assembly, cable and revision before replacement.

3 MC-TDID12 installation planning: Defines the required isolation, ESD, terminal, wiring and configuration checks before field work.

4 MC-TDID12 commissioning: Supports controlled power, channel, communication, diagnostic and process-response checks after installation.

Frequently asked questions

Which field signal is MC-TDID12 designed to receive?	MC-TDID12 is used for 24 vdc input service as listed in the technical parameters on this page.
How should the input wiring for MC-TDID12 be checked?	Check field voltage, common reference, terminal numbering and polarity against the installed Honeywell drawings before landing conductors on MC-TDID12.
What input test should be run after installing MC-TDID12?	Apply a controlled field input and confirm the associated channel state, diagnostics and configured process response for MC-TDID12.
What fta type value applies to MC-TDID12?	For MC-TDID12, the listed fta type value is Digital input. Confirm the same marking and configuration on the installed unit before work.
What input voltage value applies to MC-TDID12?	For MC-TDID12, the listed input voltage value is 24 VDC. Confirm the same marking and configuration on the installed unit before work.
What terminal type value applies to MC-TDID12?	For MC-TDID12, the listed terminal type value is Compression. Confirm the same marking and configuration on the installed unit before work.