

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Honeywell MC-TAMT03 51309223-175

Product Reference

LLMux thermocouple 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-TAMT03 51309223-175
Reference number	51309223-175
Document basis	Product-specific Honeywell technical information



Product page

<https://www.apterpower.com/Honeywell/mc-tamt03-51309223-175>
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-TAMT03 is a conformally coated 16-channel LLMux thermocouple field termination assembly with compression terminals. Its primary hardware function is LLMux thermocouple field termination assembly. System context: LLMux thermocouple field termination assembly.

Technical parameter	Technical value
FTA type	LLMux thermocouple
Input channels	16
Terminal type	Compression
Cold-junction arrangement	Local CJR
Coating	Conformal coated
Compliance version	CE-compliant
LLMux IOP	MU-PLAM02 or MC-PLAM02

System function and signal path

01	System Inputs: LLMux thermocouple field termination assembly
02	Processing: Honeywell MC-TAMT03 is a conformally coated 16-channel LLMux thermocouple field termination assembly with compression terminals. Its part number is 51309223-175.

Applications and answers

1 MC-TAMT03 installed-base replacement: Supports like-for-like maintenance of the documented LLMux thermocouple field termination assembly.

2 MC-TAMT03 compatibility review: Checks the host hardware, slot or mounting position, companion assembly, cable and revision before replacement.

3 MC-TAMT03 installation planning: Defines the required isolation, ESD, terminal, wiring and configuration checks before field work.

4 MC-TAMT03 commissioning: Supports controlled power, channel, communication, diagnostic and process-response checks after installation.

Frequently asked questions

Which sensor family is connected through MC-TAMT03?	MC-TAMT03 is used with the Llmux thermocouple field termination assembly input family shown on this page.
Which LLMux hardware must be matched to MC-TAMT03?	Match MC-TAMT03 to the documented LLMux IOP, power adapter, cable and other LLMux FTAs; do not mix it with RHMUX assemblies.
How should temperature channels be checked after installing MC-TAMT03?	Verify sensor type, lead configuration, channel assignment, cold-junction arrangement where applicable, scaling and open-sensor diagnostics.
What fta type value applies to MC-TAMT03?	For MC-TAMT03, the listed fta type value is LLMux thermocouple. Confirm the same marking and configuration on the installed unit before work.
What input channels value applies to MC-TAMT03?	For MC-TAMT03, the listed input channels value is 16. Confirm the same marking and configuration on the installed unit before work.
What terminal type value applies to MC-TAMT03?	For MC-TAMT03, the listed terminal type value is Compression. Confirm the same marking and configuration on the installed unit before work.