

MANUFACTURER-SOURCE TECHNICAL REFERENCE

# Honeywell MC-TAMR03 51309218-175

## Product Reference

LLMux RTD 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-TAMR03 51309218-175                 |
| Reference number          | 51309218-175                                     |
| Document basis            | Product-specific Honeywell technical information |



### Product page

<https://www.apterpower.com/Honeywell/mc-tamr03-51309218-175>  
**Apter Power contact**

[sales13@apterpower.com](mailto:sales13@apterpower.com) | +86 180 3023 5313

## Product role and published parameters

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

Honeywell MC-TAMR03 is a conformally coated 16-channel LLMux RTD field termination assembly with compression terminals. Its primary hardware function is LLMux RTD field termination assembly. System context: LLMux RTD field termination assembly.

| Technical parameter | Technical value        |
|---------------------|------------------------|
| FTA type            | LLMux RTD              |
| Input channels      | 16                     |
| Terminal type       | Compression            |
| Coating             | Conformal coated       |
| Compliance version  | CE-compliant           |
| LLMux IOP           | MU-PLAM02 or MC-PLAM02 |
| Verification Status | Product Reference      |

## System function and signal path

|    |                                                                                                                                                                      |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | System Inputs: LLMux RTD field termination assembly                                                                                                                  |
| 02 | Processing: Honeywell MC-TAMR03 is a conformally coated 16-channel LLMux RTD field termination assembly with compression terminals. Its part number is 51309218-175. |

## Applications and answers

1 MC-TAMR03 installed-base replacement: Supports like-for-like maintenance of the documented LLMux RTD field termination assembly.

2 MC-TAMR03 compatibility review: Checks the host hardware, slot or mounting position, companion assembly, cable and revision before replacement.

3 MC-TAMR03 installation planning: Defines the required isolation, ESD, terminal, wiring and configuration checks before field work.

4 MC-TAMR03 commissioning: Supports controlled power, channel, communication, diagnostic and process-response checks after installation.

## Frequently asked questions

|                                                                        |                                                                                                                                              |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Which sensor family is connected through MC-TAMR03?                    | MC-TAMR03 is used with the llmux rtd field termination assembly input family shown on this page.                                             |
| Which LLMux hardware must be matched to MC-TAMR03?                     | Match MC-TAMR03 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-TAMR03? | Verify sensor type, lead configuration, channel assignment, cold-junction arrangement where applicable, scaling and open-sensor diagnostics. |
| What fta type value applies to MC-TAMR03?                              | For MC-TAMR03, the listed fta type value is LLMux RTD. Confirm the same marking and configuration on the installed unit before work.         |
| What input channels value applies to MC-TAMR03?                        | For MC-TAMR03, 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-TAMR03?                         | For MC-TAMR03, the listed terminal type value is Compression. Confirm the same marking and configuration on the installed unit before work.  |