



Honeywell MU-TAMR03 51309218-125

LLMux RTD Field Termination Assembly

Product scope

- Terminates up to sixteen RTD channels for one Honeywell LLMux unit.
- Routes low-level resistance signals to a single I/O processor path.
- Uses compression terminals in the documented CE execution.
- Requires exact sensor wiring, unit address and low-level shielding practices.

Manufacturer source

Honeywell LLMux Installation Manual, RTD FTA model table and system architecture.

The enclosed record and retained manufacturer pages identify the exact product and explain its function, operating principle, application and critical matching requirements.

Request a fast quote	Product reference	
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Honeywell MU-TAMR03 51309218-125

LLMux RTD Field Termination Assembly

Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

Assembly	LLMux RTD FTA
Part number	51309218-125
Field terminals	Compression terminals
IOP interface	Single IOP
System capacity	Up to 16 RTD channels per LLMux unit
Channel allocation	Unit 0: channels 1-16; Unit 1: channels 17-32 in a two-unit arrangement
Compliance execution	CE-designated hardware in the official LLMux table

Official references

- Honeywell LLMux Installation Manual, RTD FTA model table and system architecture.
- Official Honeywell manual content identifies MU-TAMR03 / 51309218-125 as the CE, compression-terminal, single-IOP RTD FTA.

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Purpose

The assembly terminates low-level resistance-temperature detector wiring for the Honeywell LLMux measurement subsystem.

Operating principle

RTD lead resistances are presented through the FTA to the LLMux electronics, which applies the configured excitation and calculates temperature from the measured resistance. The FTA itself provides termination and routing rather than performing control calculations.

System relationship

A complete LLMux path combines the I/O processor, power adapter and field termination assembly. One unit serves channels 1-16; a second documented unit extends the arrangement to channels 17-32.

Application

The assembly is used for plant temperature inputs where multiple low-level RTD circuits must be concentrated near the control-system cabinet while preserving their channel identity.

Installation caution

Confirm RTD type, lead configuration, single-IOP execution, compression-terminal wiring and unit address. Shielding and cabinet routing must protect low-level signals from power-cable interference.



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