MU-TAMR03 51309218-125

RTD Multiplexer Field Termination Assembly

Honeywell MU-TAMR03 51309218-125 is the nonconformally coated LLMux RTD termination assembly with 16 inputs and compression terminals.

Installed position and work boundary

Offered assembly	MU-TAMR03 51309218-125
Installed path	Resistance temperature sensors > MU-TAMR03 RTD FTA > MU-TLPA02 adapter > MU-PLAM02 processor

Prepare the resistance-sensor group

Sensor standard	Record the configured Pt100 DIN, Pt100 JIS, Ni120 or Cu10 selection for each occupied channel rather than using one group-wide assumption.
Three-wire routing	Capture the original three-wire lead destinations and compare the installed resistance-sensor circuit with the approved channel drawing.
Channel allocation	Retain the sixteen-channel group map and distinguish the neighboring RTD or thermocouple FTA on the shared adapter.

Preserve the physical installation

Relay orientation	Photograph the power-connector-side-up position before disturbing the mercury-wetted relay arrangement.
Enclosure relationship	Restore the specified shielded, grounded mounting arrangement and original cable support.
Planning allowance	Treat 185 mA at 24 V DC as the assembly planning entry; it does not specify the current applied to an RTD element.

Resistance-channel acceptance

Sensor substitution test	Use only the approved resistance simulator and agreed channel-isolation procedure for the installed sensor standard.
Unexpected temperature	Compare sensor-type configuration and the restored lead destinations before changing a temperature offset.
Evidence to retain	Record the test resistance or reference temperature, sensor standard, indicated temperature and final channel disposition.

Selected technical checks

RTD input channels	16
Assembly planning supply basis	24 V DC
Assembly planning current	185 mA

Related Honeywell product references

Review the complete assembly identity and installed-system application for each reference.

Honeywell MU-PLAM02 51304362-100

Honeywell MU-TAMT03 51309223-125

Engineering contact

Discuss the exact marking and installed application with Apter Power. sales13@apterpower.com | +86 18030235313

Technical basis

Honeywell HPM Planning, March 1998; TPS Process Manager I/O Specification and Technical Data IO03-684