PRODUCT INFORMATION DASHBOARD

Siemens 39RTMCAN

Resistance Temperature Module

Siemens 39RTMCAN is an APACS+ resistance temperature module. Its RTM module type maps to RIC resistance-input and RTD-input channel types in the DP/IO configuration.

PRODUCT ROLE

APACS+ resistance temperature module

SYSTEM

APACS+

INTERFACE

RTM module type in the DP/IO mapping

SERVICE FOCUS

RTD-input channel designation

Exact-model highlights

- APACS+ resistance temperature module
- RTM module type in the DP/IO mapping
- RIC resistance-input channel designation
- RTD-input channel designation

Release questions

IDENTITY

Is the complete 39RTMCAN code confirmed?

INTERFACE

Do field signals and companion equipment match?

SETTINGS

Are installed parameters and mappings preserved?

ACCEPTANCE

Have normal, fault and recovery states been tested?

Technical data

Product designation	Module Resistance Temperature - APACS+
Control-system family	APACS+
Module type acronym	RTM
DP/IO module size	638 bytes
RIC channel type	Resistance Input Channel for RTM
RTD channel type	RTD Input Channel for RTM

Application safeguards

SAFEGUARD 1

Confirm the complete physical nameplate is exactly Siemens 39RTMCAN before work.

SAFEGUARD 2

Do not import channel count, sensor range or electrical ratings from another RTM or a suffixed assembly.

SAFEGUARD 3

Do not substitute QUADLOG QLRTMBAN data for the APACS+ 39RTMCAN record.

SAFEGUARD 4

Archive the APACS+ project, RTM channel database and cabinet drawings before removal.

Common applications

APACS+ temperature acquisition

Provides the documented RTM role for resistance and RTD input channel types in an APACS+ process-control configuration.

Legacy APACS+ maintenance

Supports exact-model identification and controlled replacement while preserving installed channel and rack records.

DP/IO database preparation

Uses the published RTM module type and RIC or RTD channel mappings when reviewing a Siemens DP/IO Bus Link database.

Migration evidence capture

Provides a bounded record of the installed RTM identity, field circuits and database assignments before a modernization project.

Interface checklist

- 39RTMCAN occupies the RTM module role in the APACS+ architecture.
- RIC is the published resistance-input channel type for an RTM.
- RTD is the published RTD-input channel type for an RTM.
- The DP/IO SDB calculator assigns 638 bytes to an RTM module instance.
- Field circuits must be reconciled with the exact installed APACS+ drawings.
- Rack, backplane and connector identity must be taken from the physical system record.
- Channel database assignments must be archived before module service.
- No QUADLOG or suffixed 39RTMCAN data is transferred to this unsuffixed model record.

Installation snapshot

STEP 1

Place the affected process functions in an approved safe state.

STEP 2

Isolate rack power and field circuits under the plant procedure.

STEP 3

Label and disconnect conductors without changing channel order.

STEP 4

Remove the installed RTM and inspect rack and connector condition.

Model-specific FAQ

Q1 What is Siemens 39RTMCAN?

It is an APACS+ resistance temperature module.

Q2 Which system uses Siemens 39RTMCAN?

It is used in the APACS+ control-system architecture.

Q3 Which channel types are associated with Siemens 39RTMCAN?

The RTM module type maps to RIC resistance-input and RTD-input channel types.

Q4 What does RIC mean for Siemens 39RTMCAN?

RIC denotes the Resistance Input Channel type for an RTM module.

Q5 What does RTD mean for Siemens 39RTMCAN?

RTD denotes the RTD Input Channel type for an RTM module.

Q6 What module size is assigned to Siemens 39RTMCAN in the DP/IO table?

The RTM module type uses a 638-byte DP/IO module-size entry.

Q7 How should Siemens 39RTMCAN channel assignments be preserved during replacement?

Archive the APACS+ channel database, label every field circuit and restore each RIC or RTD assignment to the same configured channel.

Q8 What must be checked before installing Siemens 39RTMCAN?

Verify the exact nameplate, rack and connector, archive the APACS+ channel database, reconcile every field circuit and complete a channel-by-channel functional test.

Product precautions

1. Confirm the complete physical nameplate is exactly Siemens 39RTMCAN before work.
2. Do not import channel count, sensor range or electrical ratings from another RTM or a suffixed assembly.
3. Do not substitute QUADLOG QLRTMBAN data for the APACS+ 39RTMCAN record.
4. Archive the APACS+ project, RTM channel database and cabinet drawings before removal.
5. Isolate the rack and all affected field circuits under the approved plant procedure.
6. Label every conductor and preserve its resistance-input or RTD-input channel assignment.
7. Verify rack, backplane, connector and DP/IO database compatibility before insertion.
8. After restoration, validate every configured channel against an appropriate known resistance or temperature reference.

Related products

Verified related products on ApterPower

Siemens 6GK7542-1AX10-0XE0
SIMATIC communications module
View Siemens 6GK7542-1AX10-0XE0

Siemens 6ES7332-5HB01-0AB0
SIMATIC S7-300 analog output module
View Siemens 6ES7332-5HB01-0AB0

Siemens 6SE7090-0XX84-0FF5
SIMOVERT PROFIBUS module
View Siemens 6SE7090-0XX84-0FF5

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Share the exact 39RTMCAN nameplate, application and required quantity for a model-specific quotation.