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01 Readiness and operating boundary

Siemens 6DS1731-8RR is a four-channel TELEPERM M analog input module listed for thermal-input service in the PCS 7/TM configuration.

Confirm exact identity

Confirm the complete Siemens 6DS1731-8RR marking before work.

Exact article	6DS1731-8RR
Product family	TELEPERM M
Module group	Signal modules / AE

Establish the safe work boundary

Place every affected analog and thermal loop in the approved maintenance state.

Identity	6DS1731-8RR
Host	TELEPERM M
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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6DS1731-8RR

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02 Configuration and interface setup

Siemens 6DS1731-8RR provides four analog-input channels in the TELEPERM M signal-module group and is listed as the RR thermal-input execution.

Record the as-found configuration

Record all four channel addresses, terminals and signal assignments.

Product family	TELEPERM M
Module group	Signal modules / AE
Module type	Analog input

Map connections and settings

Photograph the installed wiring and companion-module arrangement.

Identity	6DS1731-8RR
Host	TELEPERM M
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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03 Installation and service sequence

Siemens 6DS1731-8RR provides four analog-input channels in the TELEPERM M signal-module group and is listed as the RR thermal-input execution.

Restore the documented assembly

Verify the PCS 7/TM configuration uses the exact 6DS1731-8RR identity.

Module group	Signal modules / AE
Module type	Analog input
Input channels	4

Protect every interface

Restore shielding, polarity and terminal allocation exactly as recorded.

Identity	6DS1731-8RR
Host	TELEPERM M
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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04 Verification and fault isolation

Siemens 6DS1731-8RR provides four analog-input channels in the TELEPERM M signal-module group and is listed as the RR thermal-input execution.

Verify the installed function

Review module and interface diagnostics after controlled energization.

Module type	Analog input
Input channels	4
Signal context	Thermal inputs

Isolate unexpected response

Compare all four channels with the retained process reference before release.

Identity	6DS1731-8RR
Host	TELEPERM M
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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05 Acceptance and service handover

Siemens 6DS1731-8RR provides four analog-input channels in the TELEPERM M signal-module group and is listed as the RR thermal-input execution.

Complete the release record

Confirm the complete Siemens 6DS1731-8RR marking before work.

Exact article	6DS1731-8RR
Product family	TELEPERM M
Module group	Signal modules / AE

Retain acceptance evidence

Place every affected analog and thermal loop in the approved maintenance state.

Identity	6DS1731-8RR
Host	TELEPERM M
Acceptance	Diagnostics and functional response

Siemens 6DS1412-8RR

Siemens 6DS1411-8RR

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