Product dashboard

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

Exact model	Product type	System family	Functional role
6DS1731-8RR	Four-Channel Analog Input Module	TELEPERM M	Analog Input Module

PARAMETER	DOCUMENTED VALUE
Exact article	6DS1731-8RR
Product family	TELEPERM M
Module group	Signal modules / AE
Module type	Analog input
Input channels	4
Signal context	Thermal inputs
Approved execution	8RR
Installation context	TELEPERM M expansion unit or ES 100 K expansion system

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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6DS1731-8RR

System overview

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

Four-channel analog acquisition

Maintains the four recorded analog signals in the TELEPERM M input position.

Thermal measurement service

Restores the RR execution used for the installed four-channel thermal-input arrangement.

PCS 7/TM integration

Keeps the exact module identity and channel mapping in the configured legacy I/O path.

Channel diagnostics

Separates module, terminal and process-signal conditions before service release.

SYSTEM POSITION	RECORD
Installed identity	6DS1731-8RR
Host relationship	TELEPERM M
Controlled function	four-channel analog and thermal-input acquisition in TELEPERM M

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6DS1731-8RR

Technical data map

PARAMETER	VERIFIED VALUE
Exact article	6DS1731-8RR
Product family	TELEPERM M
Module group	Signal modules / AE
Module type	Analog input
Input channels	4
Signal context	Thermal inputs
Approved execution	8RR
Installation context	TELEPERM M expansion unit or ES 100 K expansion system
Integration context	PCS 7/TM

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	four-channel analog and thermal-input acquisition in TELEPERM M

Technical evidence record: Siemens Connecting TM I/O to PCS 7 C79000-G8076-C710-04, source pages 40 and 63

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Applications and precautions

1. Confirm the complete Siemens 6DS1731-8RR marking before work.
2. Place every affected analog and thermal loop in the approved maintenance state.
3. Record all four channel addresses, terminals and signal assignments.
4. Photograph the installed wiring and companion-module arrangement.
5. Verify the PCS 7/TM configuration uses the exact 6DS1731-8RR identity.
6. Restore shielding, polarity and terminal allocation exactly as recorded.
7. Review module and interface diagnostics after controlled energization.
8. Compare all four channels with the retained process reference before release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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6DS1731-8RR

Buyer and engineering FAQ

How many input channels does Siemens 6DS1731-8RR provide?

It provides four analog-input channels.

Which module group includes Siemens 6DS1731-8RR?

It is listed in the TELEPERM M signal modules/AE group.

What signal context is listed for Siemens 6DS1731-8RR?

The PCS 7/TM configuration table lists the exact RR execution for four thermal inputs.

Where can Siemens 6DS1731-8RR operate?

It is included among TELEPERM M I/O modules for an expansion unit or ES 100 K system on PCS 7/TM.

Related Apter Power pages

- Siemens 6DS1606-8BA
- Siemens 6DS1618-8CA

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