Product dashboard

Siemens 6DS1703-8RR is the approved TELEPERM M measurement-point expansion execution for the 1731 analog-input module context in a PCS 7/TM configuration.

Exact model	Product type	System family	Functional role
6DS1703-8RR	Measurement Point Expansion Module	TELEPERM M	Measurement Expansion Module

PARAMETER	DOCUMENTED VALUE
Exact article	6DS1703-8RR
Product family	TELEPERM M
Module class	Measurement-point expansion module
Documented function	Measurement-point expansion for 1731
Companion context	TELEPERM M 1731 analog-input module
Available-module row	14 thermal elements for 6DS1703-8AB
Approved execution	6DS1703-8RR listed as compatible approved version
Configuration identity	Use the complete MLFB shown in the PCS 7/TM table

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

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6DS1703-8RR

System overview

Siemens 6DS1703-8RR extends the TELEPERM M measurement-point arrangement associated with the 1731 module and serves as the approved RR execution for the corresponding 14-thermal-element position.

TELEPERM measurement expansion

Retains the measurement-point expansion position associated with the 1731 module.

PCS 7/TM integration

Uses the exact RR identity when the legacy TM I/O position is represented in PCS 7.

Thermal-measurement maintenance

Restores the approved execution for the associated 14-thermal-element module row.

Legacy I/O verification

Separates module identity, companion context and configured measurement-point mapping.

SYSTEM POSITION	RECORD
Installed identity	6DS1703-8RR
Host relationship	TELEPERM M
Controlled function	measurement-point expansion for the 1731 analog-input module context

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6DS1703-8RR

Technical data map

PARAMETER	VERIFIED VALUE
Exact article	6DS1703-8RR
Product family	TELEPERM M
Module class	Measurement-point expansion module
Documented function	Measurement-point expansion for 1731
Companion context	TELEPERM M 1731 analog-input module
Available-module row	14 thermal elements for 6DS1703-8AB
Approved execution	6DS1703-8RR listed as compatible approved version
Configuration identity	Use the complete MLFB shown in the PCS 7/TM table
Integration context	Connecting TELEPERM M I/O to PCS 7

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	measurement-point expansion for the 1731 analog-input module context

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

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6DS1703-8RR

Applications and precautions

1. Confirm the complete Siemens 6DS1703-8RR marking before work.
2. Place the affected TELEPERM M and PCS 7 path in the approved maintenance state.
3. Record the paired 1731 position and every configured measurement point.
4. Preserve terminal, channel and cabinet records before removing the module.
5. Verify that the PCS 7/TM configuration uses the exact 6DS1703-8RR identity.
6. Check the approved RR execution against the retained 14-thermal-element position.
7. Review interface and process diagnostics after controlled energization.
8. Functionally verify every affected measurement point before service release.

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

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6DS1703-8RR

Buyer and engineering FAQ

What function does Siemens 6DS1703-8RR provide?

It provides measurement-point expansion for the 1731 module.

Which product family includes Siemens 6DS1703-8RR?

It is listed among the TELEPERM M I/O modules used in the PCS 7/TM integration path.

Which companion context applies to Siemens 6DS1703-8RR?

Its function is tied to the TELEPERM M 1731 analog-input module context.

How is Siemens 6DS1703-8RR represented in the available-module table?

It is the compatible approved RR execution for the 6DS1703-8AB 14-thermal-element row.

Related Apter Power pages

- Siemens 6DP1900-8AA
- Siemens 6DL3100-8AA

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