Product dashboard

Siemens 6DS1703-8AB is a TELEPERM M measurement-point expansion module documented for the 1731 analog-input module context and listed as a 14-thermal-element signal module for PCS 7 integration.

Exact model	Product type	System family	Functional role
6DS1703-8AB	Measurement Point Expansion Module	TELEPERM M	TELEPERM M I/O Signal Module

PARAMETER	DOCUMENTED VALUE
Exact article	6DS1703-8AB
Product family	TELEPERM M
Module class	Signal module / analog-input expansion
Documented function	Measurement-point expansion for 1731
Signal designation	14 thermal elements
Companion context	TELEPERM M 1731 analog-input module
Configuration identity	Enter the complete MLFB 6DS1703-8AB
PCS 7 integration context	TM I/O connection to PCS 7

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

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6DS1703-8AB

System overview

In the documented TELEPERM M-to-PCS 7 path, Siemens 6DS1703-8AB extends the measurement-point arrangement associated with the 1731 analog-input module and is identified by its complete MLFB.

TELEPERM M measurement expansion

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

PCS 7 migration support

Provides the exact MLFB identity required when the legacy TM I/O position is represented in the PCS 7 configuration.

Thermal measurement maintenance

Supports controlled restoration of the documented 14-thermal-element signal-module position.

Legacy I/O verification

Separates exact module identity, companion-module context and configured channel mapping during fault isolation.

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

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Technical data map

PARAMETER	VERIFIED VALUE
Exact article	6DS1703-8AB
Product family	TELEPERM M
Module class	Signal module / analog-input expansion
Documented function	Measurement-point expansion for 1731
Signal designation	14 thermal elements
Companion context	TELEPERM M 1731 analog-input module
Configuration identity	Enter the complete MLFB 6DS1703-8AB
PCS 7 integration context	TM I/O connection to PCS 7
Interface-module context	TPM 478-2 available I/O table
Approved compatible version listed	6DS1703-8RR
Official configuration reference	C79000-G8076-C710-04, section page 4-16
Official availability reference	C79000-G8076-C710-04, Table 5-4, page 5-19

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 documented TELEPERM M 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 (printed

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Applications and precautions

1. Confirm the complete Siemens 6DS1703-8AB marking before work.
2. Place the affected TELEPERM M and PCS 7 process path in the approved maintenance state.
3. Record the paired 1731 module position and every configured measurement point.
4. Preserve the existing terminal, channel and cabinet records before removal.
5. Verify that the PCS 7/TM configuration uses the complete 6DS1703-8AB MLFB.
6. Check that the restored position matches the documented 14-thermal-element signal role.
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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6DS1703-8AB

Buyer and engineering FAQ

What function is documented for Siemens 6DS1703-8AB?

The Siemens configuration table identifies it as measurement-point expansion for the 1731 module.

Which product family includes Siemens 6DS1703-8AB?

It is listed among the available TELEPERM M I/O modules.

How many thermal elements are associated with Siemens 6DS1703-8AB?

The official available-module table designates the exact article for 14 thermal elements.

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

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

Related Apter Power pages

- Siemens 6DS1332-8BC - View product page
- Siemens 6DS1200-8BA - View product page
- Siemens 6DS1223-8AA - View product page

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