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01 Readiness and operating boundary

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.

Confirm exact identity

Confirm the complete Siemens 6DS1703-8AB marking before work.

Exact article	6DS1703-8AB
Product family	TELEPERM M
Module class	Signal module / analog-input expansion

Establish the safe work boundary

Place the affected TELEPERM M and PCS 7 process path in the approved maintenance state.

Identity	6DS1703-8AB
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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6DS1703-8AB

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02 Configuration and interface setup

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.

Record the as-found configuration

Record the paired 1731 module position and every configured measurement point.

Product family	TELEPERM M
Module class	Signal module / analog-input expansion
Documented function	Measurement-point expansion for 1731

Map connections and settings

Preserve the existing terminal, channel and cabinet records before removal.

Identity	6DS1703-8AB
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

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.

Restore the documented assembly

Verify that the PCS 7/TM configuration uses the complete 6DS1703-8AB MLFB.

Module class	Signal module / analog-input expansion
Documented function	Measurement-point expansion for 1731
Signal designation	14 thermal elements

Protect every interface

Check that the restored position matches the documented 14-thermal-element signal role.

Identity	6DS1703-8AB
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

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.

Verify the installed function

Review interface and process diagnostics after controlled energization.

Documented function	Measurement-point expansion for 1731
Signal designation	14 thermal elements
Companion context	TELEPERM M 1731 analog-input module

Isolate unexpected response

Functionally verify every affected measurement point before service release.

Identity	6DS1703-8AB
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

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.

Complete the release record

Confirm the complete Siemens 6DS1703-8AB marking before work.

Exact article	6DS1703-8AB
Product family	TELEPERM M
Module class	Signal module / analog-input expansion

Retain acceptance evidence

Place the affected TELEPERM M and PCS 7 process path in the approved maintenance state.

Identity	6DS1703-8AB
Host	TELEPERM M
Acceptance	Diagnostics and functional response

Siemens 6DS1200-8BA - View product page

Siemens 6DS1332-8BC - View product page

Siemens 6DS1144-8AA - View product page

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