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01 Readiness and operating boundary

Siemens 6DS1717-8RR is a structurable TELEPERM M binary calculator module for PCS 7/TM integration with defined processing-cycle requirements.

Confirm exact identity

Confirm the complete Siemens 6DS1717-8RR marking before work.

Exact article	6DS1717-8RR
Product family	TELEPERM M
Module type	Binary calculator module

Establish the safe work boundary

Place every dependent binary function in the approved maintenance state.

Identity	6DS1717-8RR
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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6DS1717-8RR

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02 Configuration and interface setup

Siemens 6DS1717-8RR provides a structurable binary-calculation position in TELEPERM M, with the PCS 7/TM manual specifying driver processing time and cycle-order constraints.

Record the as-found configuration

Back up the complete binary structure and associated driver-block assignments.

Product family	TELEPERM M
Module type	Binary calculator module
Configuration	Structurable

Map connections and settings

Record whether the structure uses analog values before calculating cycle demand.

Identity	6DS1717-8RR
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 6DS1717-8RR provides a structurable binary-calculation position in TELEPERM M, with the PCS 7/TM manual specifying driver processing time and cycle-order constraints.

Restore the documented assembly

Verify the applicable 10 ms or 18 ms TPM 478 processing-time case.

Module type	Binary calculator module
Configuration	Structurable
Integration context	Connecting TELEPERM M I/O to PCS 7

Protect every interface

Confirm the DB 1 processing cycle is faster than the associated PLC driver cycle.

Identity	6DS1717-8RR
Host	TELEPERM M
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
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04 Verification and fault isolation

Siemens 6DS1717-8RR provides a structurable binary-calculation position in TELEPERM M, with the PCS 7/TM manual specifying driver processing time and cycle-order constraints.

Verify the installed function

Review module, interface and cycle diagnostics after controlled energization.

Configuration	Structurable
Integration context	Connecting TELEPERM M I/O to PCS 7
TPM 478 processing time	10 ms without analog values

Isolate unexpected response

Functionally test the retained binary calculation before service release.

Identity	6DS1717-8RR
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 6DS1717-8RR provides a structurable binary-calculation position in TELEPERM M, with the PCS 7/TM manual specifying driver processing time and cycle-order constraints.

Complete the release record

Confirm the complete Siemens 6DS1717-8RR marking before work.

Exact article	6DS1717-8RR
Product family	TELEPERM M
Module type	Binary calculator module

Retain acceptance evidence

Place every dependent binary function in the approved maintenance state.

Identity	6DS1717-8RR
Host	TELEPERM M
Acceptance	Diagnostics and functional response

Siemens 6ES7431-7KF10-0AB0

Siemens 6ES7431-7KF00-6AA0

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