Product dashboard

Siemens 6DS1719-8RR is a TELEPERM M binary expansion module for extending the 6DS1717 binary calculator position in a PCS 7/TM integration.

Exact model	Product type	System family	Functional role
6DS1719-8RR	Binary Expansion Module	TELEPERM M	Binary Expansion Module

PARAMETER	DOCUMENTED VALUE
Exact article	6DS1719-8RR
Product family	TELEPERM M
Module class	Binary expansion module
Function	Expansion to the 1717 binary calculator module
Associated module	6DS1717 binary calculator module
Approved execution	8RR
Installation context	TELEPERM M expansion unit or ES 100 K expansion system
Integration context	PCS 7/TM

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

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6DS1719-8RR

System overview

Within the TELEPERM M I/O structure, Siemens 6DS1719-8RR adds the approved RR binary-expansion execution to the associated 1717 calculator module.

Binary calculator expansion

Adds the retained expansion position to the installed 1717 binary calculator arrangement.

PCS 7/TM migration support

Keeps the exact RR module identity inside the mapped TELEPERM M I/O configuration.

Legacy cabinet maintenance

Restores the cabinet position without changing the associated calculator-module relationship.

Binary-path verification

Checks the configured expansion signals and interface diagnostics before service release.

SYSTEM POSITION	RECORD
Installed identity	6DS1719-8RR
Host relationship	TELEPERM M
Controlled function	binary expansion for the TELEPERM M 1717 calculator-module position

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6DS1719-8RR

Technical data map

PARAMETER	VERIFIED VALUE
Exact article	6DS1719-8RR
Product family	TELEPERM M
Module class	Binary expansion module
Function	Expansion to the 1717 binary calculator module
Associated module	6DS1717 binary calculator module
Approved execution	8RR
Installation context	TELEPERM M expansion unit or ES 100 K expansion system
Integration context	PCS 7/TM
Configuration identity	Complete MLFB 6DS1719-8RR

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	binary expansion for the TELEPERM M 1717 calculator-module position

Technical evidence record: Siemens Connecting TM I/O to PCS 7 C79000-G8076-C710-04, source pages 40 and 62

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6DS1719-8RR

Applications and precautions

1. Confirm the complete Siemens 6DS1719-8RR marking before work.
2. Place the associated 1717 binary function in the approved maintenance state.
3. Record the cabinet position and every mapped expansion signal.
4. Preserve the exact relationship with the installed 6DS1717 module.
5. Verify the PCS 7/TM configuration uses the complete 6DS1719-8RR identity.
6. Restore terminals, shielding and protective earth exactly as recorded.
7. Review interface and module diagnostics after controlled energization.
8. Functionally verify every affected binary expansion signal before release.

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

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6DS1719-8RR

Buyer and engineering FAQ

What function does Siemens 6DS1719-8RR provide?

It provides the binary expansion function for the TELEPERM M 1717 calculator-module position.

Which module is associated with Siemens 6DS1719-8RR?

The documented association is the 6DS1717 binary calculator module.

Where can Siemens 6DS1719-8RR operate?

It is listed for a TELEPERM M expansion unit or an ES 100 K expansion system on PCS 7/TM.

How is Siemens 6DS1719-8RR identified in the approved-version table?

The table lists 8RR as the approved execution for the binary expansion module.

Related Apter Power pages

- Siemens 6DS1703-8RR
- Siemens 6DS1300-8AB

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