

01 Readiness and operating boundary

Siemens 6DP1210-8BC is the FUM 210 module for binary signal recording in TELEPERM XP AS 620 and related S7 function variants. Exact-model procurement records identify 28 binary inputs and 16 binary outputs.

Confirm exact identity

Confirm 6DP1210-8BC and FUM 210 before disconnecting the front assembly.

Exact model	6DP1210-8BC
Module designation	FUM 210
Hardware type	Binary signal module

Establish the safe work boundary

Export or photograph the complete 28-input and 16-output signal map.

Identity	6DP1210-8BC
Host	TELEPERM XP AS 620 / S7
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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6DP1210-8BC

02 Configuration and interface setup

FUM 210 concentrates discrete plant states and commands in a matched automation-system position, so its input/output map and configured function variant control the replacement.

Record the as-found configuration

Identify the installed AS 620 or S7 function variant in the engineering record.

Module designation	FUM 210
Hardware type	Binary signal module
System context	TELEPERM XP AS 620 / S7 variants

Map connections and settings

Place every affected command path in a safe inhibited state.

Identity	6DP1210-8BC
Host	TELEPERM XP AS 620 / S7
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
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03 Installation and service sequence

FUM 210 concentrates discrete plant states and commands in a matched automation-system position, so its input/output map and configured function variant control the replacement.

Restore the documented assembly

Label common, return and field conductors before module removal.

Hardware type	Binary signal module
System context	TELEPERM XP AS 620 / S7 variants
Binary inputs	28

Protect every interface

Check the replacement channel image before enabling any output group.

Identity	6DP1210-8BC
Host	TELEPERM XP AS 620 / S7
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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04 Verification and fault isolation

FUM 210 concentrates discrete plant states and commands in a matched automation-system position, so its input/output map and configured function variant control the replacement.

Verify the installed function

Prove each input with its expected controller indication.

System context	TELEPERM XP AS 620 / S7 variants
Binary inputs	28
Binary outputs	16

Isolate unexpected response

Exercise outputs individually under controlled field supervision before handover.

Identity	6DP1210-8BC
Host	TELEPERM XP AS 620 / S7
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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5 05 Acceptance and service handover

FUM 210 concentrates discrete plant states and commands in a matched automation-system position, so its input/output map and configured function variant control the replacement.

Complete the release record

Confirm 6DP1210-8BC and FUM 210 before disconnecting the front assembly.

Exact model	6DP1210-8BC
Module designation	FUM 210
Hardware type	Binary signal module

Retain acceptance evidence

Export or photograph the complete 28-input and 16-output signal map.

Identity	6DP1210-8BC
Host	TELEPERM XP AS 620 / S7
Acceptance	Diagnostics and functional response

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