

Siemens

6DP1210-8BC

TELEPERM XP FUM 210 Binary Signal Module

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.

System position

Exact identity 6DP1210-8BC	System family TELEPERM XP AS 620 / S7	Functional role Binary Signal Module	Release basis Recorded test and diagnostics
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Keep the hardware and configuration identities together

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.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact model	6DP1210-8BC
Module designation	FUM 210
Hardware type	Binary signal module
System context	TELEPERM XP AS 620 / S7 variants
Binary inputs	28
Binary outputs	16

Technical evidence record: Exact-model FUM 210 procurement records with repeated channel data

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Interfaces and integration

Define the installed role

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

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

Map the host relationship

The complete 6DP1210-8BC identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	TELEPERM XP AS 620 / S7
Primary role	recording 28 binary states and controlling 16 binary
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded TELEPERM XP AS 620 / S7 position, connected interfaces and configuration

Acceptance evidence

Release 6DP1210-8BC only after diagnostics and a controlled functional result are recorded.

Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	VALUE	PARAMETER	VALUE
Exact model	6DP1210-8BC	Binary outputs	16
Module designation	FUM 210	Primary function	Binary signal recording and output control
Hardware type	Binary signal module	Variant control	Match the installed function execution
System context	TELEPERM XP AS 620 / S7 variants	Pre-removal record	Complete I/O map and diagnostic state
Binary inputs	28	Acceptance	Input forcing and controlled output response

Identity decision

Accept only the complete 6DP1210-8BC marking and the recorded hardware execution.

Host decision

Confirm the receiving TELEPERM XP AS 620 / S7 position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of recording 28 binary states and controlling 16 binary output paths before handover.

Engineering boundary

Use 6DP1210-8BC only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

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Controls and service logic

AS 620 discrete-I/O renewal

Restores the FUM 210 position with the same 28-input and 16-output allocation.

Binary status acquisition

Returns documented plant contacts and interlock states to the controller image.

Command-path restoration

Reinstates the recorded output channels without changing permissive logic.

Migration-stage verification

Supports controlled comparison where a documented S7 function variant is retained.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 6DP1210-8BC and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

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Engineering decisions

What is the FUM 210 used for?

It records binary plant signals and provides binary output channels in a TELEPERM XP automation position.

How many inputs are associated with 6DP1210-8BC?

Exact-model procurement documentation specifies 28 binary inputs.

How many outputs are associated with this execution?

The same exact-model records specify 16 binary outputs.

Which system context is documented?

The module is identified for TELEPERM XP AS 620 and related S7 function variants.

Why must the function variant be checked?

Channel behavior depends on the installed engineering execution, not only on the visible hardware.

What is the essential pre-removal record?

Retain the full I/O address map, wire labels, enabled outputs and diagnostic state.

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