

1

01 Readiness and operating boundary

Before isolation, reconcile the module label with the host drawing and capture the as-found state of every affected loop.

Capture the installed identity

Photograph the complete label, host slot and connector orientation before disturbing the assembly.

Exact model	6DP1230-8CC
Module designation	FUM 230
Module type	Analog signal-conditioning module

Prove the work boundary

Tag all affected field circuits and prove the approved isolation boundary at the cabinet.

Identity	6DP1230-8CC
Host	TELEPERM XP FUM 230
Acceptance	Isolation and label record

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

CONTACT APTER POWER

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com



6DP1230-8CC

2 02 Configuration and interface setup

Translate the retained loop records into a channel-by-channel map of current range, conductor arrangement and processing assignment.

Build the channel map

Create a sixteen-line map that pairs each terminal assignment with its recorded input-range setting.

Module designation	FUM 230
Module type	Analog signal-conditioning module
Input channels	16

Classify every field circuit

Mark every loop as a two-conductor or four-conductor circuit and retain its shield treatment.

Identity	6DP1230-8CC
Host	TELEPERM XP FUM 230
Acceptance	Channel map approved

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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6DP1230-8CC

03 Installation and service sequence

Seat the module and rebuild each field path without altering the recorded two-wire or four-wire circuit topology.

Restore the physical assembly

Inspect seating, retention and connector condition before rebuilding the channel wiring.

Module type	Analog signal-conditioning module
Input channels	16
Input signal	0/4 to 20 mA

Apply controlled settings

Apply the recorded processing values only to their original channel positions.

Identity	6DP1230-8CC
Host	TELEPERM XP FUM 230
Acceptance	Assembly and settings restored

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

Energize under controlled conditions, then observe supply supervision, range status and conductor-fault indications before functional testing.

Observe supervised states

Observe loop-supply health and the expected range state as each circuit is returned to operation.

Input channels	16
Input signal	0/4 to 20 mA
Supported field circuits	2-wire or 4-wire

Exercise fault indications

Exercise conductor-fault detection using the approved site method without exposing the process to an unsafe state.

Identity	6DP1230-8CC
Host	TELEPERM XP FUM 230
Acceptance	Supervision response recorded

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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6DP1230-8CC

5 05 Acceptance and service handover

Release the position only after installation evidence, diagnostics and the controlled process response have been recorded together.

Compile the acceptance package

Compare both measurement paths where the installed execution uses acquisition redundancy.

Exact model	6DP1230-8CC
Module designation	FUM 230
Module type	Analog signal-conditioning module

Authorize the handover

Attach the final diagnostic state and functional result to the maintenance handover record.

Identity	6DP1230-8CC
Host	TELEPERM XP FUM 230
Acceptance	Release evidence complete

[Siemens 6DS1220-8AA - View product page](#)

[Siemens 6DS1223-8AA - View product page](#)

[Siemens 6DL3100-8AA - View product page](#)

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