1

01 Readiness and operating boundary

Siemens 6DR2410-4 is the 24 V UC basic unit in the SIPART DR24 multifunction-controller family. It provides three analog inputs, three analog outputs, four binary inputs, eight binary outputs and user-program memory.

Confirm exact identity

Confirm the complete 6DR2410-4 marking before work.

Exact model	6DR2410-4
Product family	SIPART DR24
Hardware type	Multifunction unit

Establish the safe work boundary

Place the affected equipment in its approved maintenance state.

Identity	6DR2410-4
Host	SIPART DR24
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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6DR2410-4

2

02 Configuration and interface setup

The 6DR2410-4 executes configured process-control and logic functions from a 72 x 144 mm SIPART DR24 format while retaining its installed signal modules and user program.

Record the as-found configuration

Isolate connected energy and prove the circuit safe.

Product family	SIPART DR24
Hardware type	Multifunction unit
Auxiliary power	24 V UC

Map connections and settings

Photograph the slot, wiring, connectors and settings before removal.

Identity	6DR2410-4
Host	SIPART DR24
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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6DR2410-4

3

03 Installation and service sequence

The 6DR2410-4 executes configured process-control and logic functions from a 72 x 144 mm SIPART DR24 format while retaining its installed signal modules and user program.

Restore the documented assembly

Match every documented interface and companion component.

Hardware type	Multifunction unit
Auxiliary power	24 V UC
Analog inputs	3

Protect every interface

Restore mechanical retention, shielding and protective earth.

Identity	6DR2410-4
Host	SIPART DR24
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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4

04 Verification and fault isolation

The 6DR2410-4 executes configured process-control and logic functions from a 72 x 144 mm SIPART DR24 format while retaining its installed signal modules and user program.

Verify the installed function

Review hardware, network and controller diagnostics after energization.

Auxiliary power	24 V UC
Analog inputs	3
Analog outputs	3

Isolate unexpected response

Functionally verify multifunction process control with analog and binary signal handling before service release.

Identity	6DR2410-4
Host	SIPART DR24
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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5

05 Acceptance and service handover

The 6DR2410-4 executes configured process-control and logic functions from a 72 x 144 mm SIPART DR24 format while retaining its installed signal modules and user program.

Complete the release record

Confirm the complete 6DR2410-4 marking before work.

Exact model	6DR2410-4
Product family	SIPART DR24
Hardware type	Multifunction unit

Retain acceptance evidence

Place the affected equipment in its approved maintenance state.

Identity	6DR2410-4
Host	SIPART DR24
Acceptance	Diagnostics and functional response

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