Product dashboard

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.

Exact model	Product type	System family	Functional role
6DR2410-4	SIPART DR24 Multifunction Unit	SIPART DR24	Multifunction Controller

PARAMETER	DOCUMENTED VALUE
Exact model	6DR2410-4
Product family	SIPART DR24
Hardware type	Multifunction unit
Auxiliary power	24 V UC
Analog inputs	3
Analog outputs	3
Binary inputs	4
Binary outputs	8

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

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6DR2410-4

System overview

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.

Installed-system renewal

Restores the documented 6DR2410-4 position while keeping the approved host and interfaces.

Controlled maintenance

Supports as-found recording, safe isolation and exact connection restoration.

Compatibility review

Compares the full marking, host, connectors, settings and companion hardware.

Commissioning evidence

Records diagnostics and a controlled functional test of multifunction process control with analog and binary signal handling.

SYSTEM POSITION	RECORD
Installed identity	6DR2410-4

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6DR2410-4

Technical data map

PARAMETER	VERIFIED VALUE
Exact model	6DR2410-4
Product family	SIPART DR24
Hardware type	Multifunction unit
Auxiliary power	24 V UC
Analog inputs	3
Analog outputs	3
Binary inputs	4
Binary outputs	8
Program storage	User program memory
Panel format	72 x 144 mm
Acceptance	Power-up, signal paths and configured function

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	multifunction process control with analog and binary signal handling

Technical evidence record: Siemens SIPART DR24 Manual C79000-G7476-C153-02 and Catalog MP 31

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6DR2410-4

Applications and precautions

1. Confirm the complete 6DR2410-4 marking before work.
2. Place the affected equipment in its approved maintenance state.
3. Isolate connected energy and prove the circuit safe.
4. Photograph the slot, wiring, connectors and settings before removal.
5. Match every documented interface and companion component.
6. Restore mechanical retention, shielding and protective earth.
7. Review hardware, network and controller diagnostics after energization.
8. Functionally verify multifunction process control with analog and binary signal handling before service release.

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

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6DR2410-4

Buyer and engineering FAQ

What does 6DR2410-4 identify?

6DR2410-4 identifies the sipart dr24 multifunction unit used for multifunction process control with analog and binary signal handling.

Which installed system must 6DR2410-4 match?

Match 6DR2410-4 to the recorded SIPART DR24 host, position and companion hardware.

Which markings must be checked on 6DR2410-4?

Verify the complete 6DR2410-4 text and every suffix, revision or assembly marking on the supplied item.

What should be recorded before removing 6DR2410-4?

Record the slot, connectors, cable labels, switches, parameters, adjacent hardware and diagnostic state.

Related Apter Power pages

Siemens 6SE6440-2UD31-1CA1 - View Apter Power product page

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