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01 Readiness and operating boundary

Siemens 6DS1606-8BA is a TELEPERM M testable relay output module used with the AS 235 H PRA driver for fault-monitored relay-output service.

Confirm exact identity

Confirm the complete Siemens 6DS1606-8BA marking before work.

Exact article	6DS1606-8BA
Product family	TELEPERM M / AS 235 H
Module type	Testable relay output module (PRA)

Establish the safe work boundary

Place every connected actuator in the approved maintenance state.

Identity	6DS1606-8BA
Host	TELEPERM M / AS 235 H
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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6DS1606-8BA

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02 Configuration and interface setup

Within the AS 235 H architecture, Siemens 6DS1606-8BA provides testable relay outputs whose PRA driver supports module-fault detection, contact monitoring and redundant structures.

Record the as-found configuration

Record the PRA driver, addresses, relay wiring and selected redundancy structure.

Product family	TELEPERM M / AS 235 H
Module type	Testable relay output module (PRA)
Driver context	PRA function block

Map connections and settings

Document the master-driver freeze bit and every affected fault-default value.

Identity	6DS1606-8BA
Host	TELEPERM M / AS 235 H
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
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03 Installation and service sequence

Within the AS 235 H architecture, Siemens 6DS1606-8BA provides testable relay outputs whose PRA driver supports module-fault detection, contact monitoring and redundant structures.

Restore the documented assembly

Inspect relay-output conductors and contact-monitoring paths before reconnection.

Module type	Testable relay output module (PRA)
Driver context	PRA function block
Fault coverage	Module-fault detection including contact monitoring

Protect every interface

Restore the exact 1oo1, 1oo2 or 2oo2 arrangement without borrowing settings.

Identity	6DS1606-8BA
Host	TELEPERM M / AS 235 H
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
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04 Verification and fault isolation

Within the AS 235 H architecture, Siemens 6DS1606-8BA provides testable relay outputs whose PRA driver supports module-fault detection, contact monitoring and redundant structures.

Verify the installed function

Review PRA driver and module-fault indications after controlled energization.

Driver context	PRA function block
Fault coverage	Module-fault detection including contact monitoring
Documented structures	1-out-of-1, 1-out-of-2 and 2-out-of-2

Isolate unexpected response

Prove every affected actuator path before returning the process to service.

Identity	6DS1606-8BA
Host	TELEPERM M / AS 235 H
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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05 Acceptance and service handover

Within the AS 235 H architecture, Siemens 6DS1606-8BA provides testable relay outputs whose PRA driver supports module-fault detection, contact monitoring and redundant structures.

Complete the release record

Confirm the complete Siemens 6DS1606-8BA marking before work.

Exact article	6DS1606-8BA
Product family	TELEPERM M / AS 235 H
Module type	Testable relay output module (PRA)

Retain acceptance evidence

Place every connected actuator in the approved maintenance state.

Identity	6DS1606-8BA
Host	TELEPERM M / AS 235 H
Acceptance	Diagnostics and functional response

Siemens 6DS1411-8RR

Siemens 6DS1703-8AB

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