

Installation Identity and Scope

Siemens 6DS1144-8AA is a TELEPERM M I/O comparator and switchover module for AS 235H / ES 100K configurations. It supports the documented redundant I/O comparison and changeover function.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6DS1144-8AA
Manufacturer	Siemens
Hardware type	Comparator Module
System family	TELEPERM M I/O Comparator and Switchover
Official source	Siemens Industry Support manual identifying 6DS1144-8AA as an I/O comparator and switchover module

CONTROLLED ENGINEERING COPY

Use only the complete Siemens 6DS1144-8AA identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 3SK2122-1AA10	View Siemens 3SK2122-1AA10
Siemens 3TF5422-0XM0	View Siemens 3TF5422-0XM0
Siemens 3TY7540-0A	View Siemens 3TY7540-0A
APTER POWER SALES TEAM WHATSAPP / PHONE +86 180 3023 5313 EMAIL sales13@apterpower.com WEBSITE www.apterpower.com  6DS1144-8AA	

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete Siemens 6DS1144-8AA marking before work.
2	Review the current Siemens source documentation and the installed-system record.
3	Record the slot, connector, terminal and companion-hardware arrangement before removal.
4	Place the controller, drive or machine in the approved maintenance state before handling.
5	Use ESD controls and protect keyed connectors, terminals and circuit-board components.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 3VL9300-3HF05	View Siemens 3VL9300-3HF05
Siemens 505-7003	View Siemens 505-7003
Siemens 562-001	View Siemens 562-001
Siemens 6AG1195-7HD10-2XA0	View Siemens 6AG1195-7HD10-2XA0

Matched Hardware

CONTROL ITEM	REQUIRED RECORD
Identity	6DS1144-8AA
Physical interface	AS 235H / ES 100K system
Companion check	Documented I/O paths
Configuration	Redundancy wiring and configuration
Functional proof	Diagnostics and controlled switchover test

RELEASE HOLD POINT

Do not disturb the installed device until the exact marking, connections, companion hardware and configured function are documented.

Wiring and Interface Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Identity	Record Siemens 6DS1144-8AA exactly.
Installed position	Record rack, slot and mounting orientation.
Connectors	Label every keyed connector and terminal.
Companion hardware	Verify the documented controller, rack or field device.
Power	Confirm supply and isolation requirements.
Configuration	Back up parameters, firmware and network settings where applicable.
Grounding	Restore shielding and protective grounding.
Function	Run diagnostics and the controlled functional test.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6AR1304-0CA00-0AA0	View Siemens 6AR1304-0CA00-0AA0
Siemens 6AR1306-0DC00-0AA0	View Siemens 6AR1306-0DC00-0AA0
Siemens 6AU1435-2AD00-0AA0	View Siemens 6AU1435-2AD00-0AA0
Siemens 6AU1455-2AD00-0AA0	View Siemens 6AU1455-2AD00-0AA0
Siemens 6AV2123-2DB03-0AX0	View Siemens 6AV2123-2DB03-0AX0
Siemens 6AV2124-0GC01-0AX0	View Siemens 6AV2124-0GC01-0AX0

CONFIGURATION BOUNDARY

Use only the complete Siemens 6DS1144-8AA identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

Expected Technical Values

PARAMETER	VALUE
Complete model	6DS1144-8AA
Module function	I/O comparator and switchover
System	TELEPERM M
Associated systems	AS 235H / ES 100K

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Siemens 6DS1144-8AA is recorded without abbreviation.
Interface	Connectors, terminals and companion hardware match the approved record.
Configuration	Electrical, firmware and parameter values are verified.
Operation	Diagnostics and the controlled functional test are acceptable.

Technical Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is Siemens 6DS1144-8AA?	Siemens 6DS1144-8AA is a TELEPERM M I/O comparator and switchover module for AS 235H / ES 100K configurations. It supports the documented redundant I/O comparison and changeover function.
Which product family includes 6DS1144-8AA?	The official manufacturer record identifies it within the TELEPERM M I/O Comparator and Switchover family.
Which exact identity must be retained?	Record the complete Siemens 6DS1144-8AA marking; do not shorten or replace the suffix.
Which key technical value is documented?	Module function: I/O comparator and switchover.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 6AV2124-0JC01-0AX0	View Siemens 6AV2124-0JC01-0AX0
Siemens 6AV2124-0MC01-0AX0	View Siemens 6AV2124-0MC01-0AX0
Siemens 6AV2124-0QC02-0AX0	View Siemens 6AV2124-0QC02-0AX0
Siemens 6AV2124-0QC02-0AX1	View Siemens 6AV2124-0QC02-0AX1
Siemens 6AV2124-0UC24-1AX0 -6AV7424-7GA03-0AS0	View Siemens 6AV2124-0UC24-1AX0-6AV7424-7GA03-0AS0
Siemens 6AV2124-1MC01-0AX0	View Siemens 6AV2124-1MC01-0AX0

Source, Related Products and Release

MODEL	APTER POWER PAGE
Siemens 6AV3503-1DB10	View Siemens 6AV3503-1DB10
Siemens 6AV3617-1JC20-0AX1	View Siemens 6AV3617-1JC20-0AX1
Siemens 6AV3627-1LK00-1AX0	View Siemens 6AV3627-1LK00-1AX0
Siemens 6AV6542-0AG10-0AX0	View Siemens 6AV6542-0AG10-0AX0
Siemens 6AV6545-0DB10-0AX0	View Siemens 6AV6545-0DB10-0AX0
Siemens 6AV6640-0BA11-0AX0	View Siemens 6AV6640-0BA11-0AX0
Siemens 6AV6640-0CA11-0AX1	View Siemens 6AV6640-0CA11-0AX1
Siemens 6AV6642-0EA01-3AX0	View Siemens 6AV6642-0EA01-3AX0
Siemens 6AV6643-0CD01-1AX1	View Siemens 6AV6643-0CD01-1AX1
Siemens 6AV6644-0AB01-2AX0	View Siemens 6AV6644-0AB01-2AX0

MANUFACTURER SOURCE RECORD

TELEPERM M AS 235H System Manual
Siemens Industry Support manual identifying 6DS1144-8AA as an I/O comparator and switchover module

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	6DS1144-8AA recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
APTER POWER SALES TEAM WHATSAPP / PHONE +86 180 3023 5313 EMAIL sales13@apterpower.com WEBSITE www.apterpower.com  6DS1144-8AA	