

INDUSTRIAL AUTOMATION PRODUCT

6DS1144-8AA

Comparator Module

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
Complete model	6DS1144-8AA
Product role	Comparator Module
System family	TELEPERM M I/O Comparator and Switchover

DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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6DS1144-8AA

Technical Specifications

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

Model-Specific Engineering Note

ENGINEERING 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.

Pre-Installation Checks

NO.	REQUIRED CHECK
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 6DS1220-8AB	View Siemens 6DS1220-8AB
Siemens 6DS1723-8BA	View Siemens 6DS1723-8BA
Siemens 15499-146-8	View Siemens 15499-146-8
Siemens 16267-1-2	View Siemens 16267-1-2
Siemens 39ACM24BAN-16139-76-09	View Siemens 39ACM24BAN-16139-76-09

System Role and Architecture

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.

FUNCTION 1
I/O comparison

FUNCTION 2
Redundancy switchover

FUNCTION 3
AS 235H integration

FUNCTION 4
TELEPERM M spare support

Common Applications

APPLICATION	ENGINEERING CONTEXT
Redundant automation	Compares documented I/O paths in the redundant system.
Controlled switchover	Supports approved changeover logic.
Fault diagnostics	Participates in the configured diagnostic response.
Legacy maintenance	Maintains an installed TELEPERM M system.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39ACM24BEN-16139-215-1	View Siemens 39ACM24BEN-16139-215-1
Siemens 39EAMCBN-16154-93-3	View Siemens 39EAMCBN-16154-93-3
Siemens	
CONTROLLED ACCEPTANCE DUTY Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.	
Siemens 39MBXNAN-16180-1-17	View Siemens 39MBXNAN-16180-1-17

Engineering Precautions

NO.	PRECAUTION
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.
6	Confirm the documented electrical and interface values for 6DS1144-8AA before energization.
7	Restore wiring, shielding, grounding and mechanical retention exactly as documented.
8	Run model-specific diagnostics and a controlled functional test before production release.

Model-Specific FAQ - Part 1

QUESTION	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 39RTMCAN-16207-61-10	View Siemens 39RTMCAN-16207-61-10
Siemens 39RTMCAN-16207-61-11	View Siemens 39RTMCAN-16207-61-11
Siemens 39RTMCAN-16207-61-13	View Siemens 39RTMCAN-16207-61-13
Siemens 39SAMCAN-16133-71-04	View Siemens 39SAMCAN-16133-71-04
Siemens 39SAMCAN-16133-71-13	View Siemens 39SAMCAN-16133-71-13

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What must be checked before removal?	Record the slot, connectors, terminals, companion hardware and configured function from the installed system.
Can a nearby model be substituted?	No. A different suffix or family member requires documented electrical, mechanical, firmware and interface approval.
What installation controls are required?	Use the current manufacturer procedure, approved maintenance state, ESD controls and the documented wiring and grounding arrangement.
What confirms successful commissioning?	Identity and connections match the record, diagnostics pass and the controlled functional test has no unexplained fault.

Related Products on Apter Power

MODEL	APTER POWER PAGE
Siemens 39SAMCAN-16133-71-8	View Siemens 39SAMCAN-16133-71-8
Siemens 39SAMCAN-16133-71-9	View Siemens 39SAMCAN-16133-71-9
Siemens 39SDM024DCCBN-16101-174-8	View Siemens 39SDM024DCCBN-16101-174-8
Siemens 39VIMCCN-16171-126-3	View Siemens 39VIMCCN-16171-126-3
Siemens 39VIMCCN-16171-126-6	View Siemens 39VIMCCN-16171-126-6
Siemens 39VIMCCN-A5E00282175-07	View Siemens 39VIMCCN-A5E00282175-07
Siemens 3RN2011-1BA30	View Siemens 3RN2011-1BA30
Siemens 3RT5044-1AN20	View Siemens 3RT5044-1AN20
Siemens 3RT6015-1BB41	View Siemens 3RT6015-1BB41
Siemens 3RT6024-1AN20	View Siemens 3RT6024-1AN20
Siemens 3RT6025-1AN20	View Siemens 3RT6025-1AN20

MANUFACTURER SOURCE RECORD

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