Siemens 6ES7195-7HB00-0XA0

01 Record the station arrangement

1. **Record the station arrangement**
2. Check rail and bus engagement
3. Restore I/O position and covers
4. Validate station diagnostics
5. Accept the service state

Work sequence

List the interface, active bus sections and attached I/O in physical order. Identify unused positions and the end cover. Establish the approved maintenance state for all affected channels.

Acceptance condition

The station layout and process response during service are known.

Module positions	1 or 2 attached S7-300 modules
Compatible I/O width class	40 mm per position

Mechanical prerequisite: The active-bus rail and covers are part of the intended installation, not optional substitutes for ordinary module mounting.

Record the observed condition, test method and result for this stage. Resolve any difference before moving to check rail and bus engagement.

Siemens 6ES7195-7HB00-0XA0

02 Check rail and bus engagement

1 Record the station arrangement

2 **Check rail and bus engagement**

3 Restore I/O position and covers

4 Validate station diagnostics

5 Accept the service state

Work sequence

Inspect the active-backplane rail and the joining surfaces of adjacent bus sections. Seat the bus module without forcing a misaligned connector and confirm the mechanical position before fitting I/O.

Acceptance condition

The bus section is correctly supported and connected to its neighbors.

Associated cover set	6ES7195-1JA00-0XA0
Required rail type	ET 200M rail for module change during operation

System function: Module change during operation requires the correct ET 200M configuration and a controlled process response.

Record the observed condition, test method and result for this stage. Resolve any difference before moving to restore i/o position and covers.

Siemens 6ES7195-7HB00-0XA0

03 Restore I/O position and covers

1 Record the station arrangement

2 Check rail and bus engagement

3 **Restore I/O position and covers**

4 Validate station diagnostics

5 Accept the service state

Work sequence

Fit each retained I/O module in its assigned position. Cover unused positions and close the end of the final bus section. Keep the field-wiring assignment with its intended module.

Acceptance condition

Physical module order and protection of unused interfaces match the approved layout.

Last bus module	Fit the bus-module end cover
Two positions occupied	Verify both I/O identities and slot assignments

Carrier scope: Do not assign input voltage, output current or channel resolution from an attached I/O module to this bus carrier.

Record the observed condition, test method and result for this stage. Resolve any difference before moving to validate station diagnostics.

Siemens 6ES7195-7HB00-0XA0

04 Validate station diagnostics

1. Record the station arrangement
2. Check rail and bus engagement
3. Restore I/O position and covers
4. **Validate station diagnostics**
5. Accept the service state

Work sequence

Return the station through the approved sequence and inspect configuration and removal/insertion diagnostics. Check both occupied positions and compare process data with the expected channel behavior.

Acceptance condition

The interface recognizes the intended modules and reports no unresolved configuration mismatch.

Attached-module limit	Determined by the interface and enabled station functions
Field signal ratings	Belong to the attached I/O module, not this carrier

Mechanical prerequisite: The active-bus rail and covers are part of the intended installation, not optional substitutes for ordinary module mounting.

Record the observed condition, test method and result for this stage. Resolve any difference before moving to accept the service state.

Siemens 6ES7195-7HB00-0XA0

05 Accept the service state

1. Record the station arrangement
2. Check rail and bus engagement
3. Restore I/O position and covers
4. Validate station diagnostics
5. **Accept the service state**

Work sequence

Remove temporary maintenance substitutions only after the affected channels recover correctly. Retain the final station arrangement and the tested process response.

Acceptance condition

The installation is complete, including covers, diagnostics and channel handover.

Compatible I/O width class	40 mm per position
Backplane arrangement	Active ET 200M bus

Siemens 6ES7332-5HB01-0AB0

Siemens 6ES7323-1BL00-0AA0

Siemens 6ES7332-5HD01-0AB0

Related products require separate compatibility assessment. Retain the final configuration and signed test outcome.