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01 Readiness and operating boundary

Siemens 6GK1905-0AE00 is a SpliTConnect terminator for the electrical end of a PROFIBUS PA segment. This non-Ex execution operates at 31.25 kbit/s and is not approved for hazardous-area use.

Confirm exact identity

Confirm the complete 6GK1905-0AE00 marking before work.

Exact model	6GK1905-0AE00
Product type	SpliTConnect Terminator (non-Ex)
Network	PROFIBUS PA

Establish the safe work boundary

Place the affected equipment in its approved maintenance state.

Identity	6GK1905-0AE00
Host	PROFIBUS PA SpliTConnect
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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6GK1905-0AE00

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02 Configuration and interface setup

The 6GK1905-0AE00 closes the documented PROFIBUS PA segment at its physical endpoint so that only the two intended bus ends remain terminated.

Record the as-found configuration

Isolate connected energy and prove the circuit safe.

Product type	SpliTConnect Terminator (non-Ex)
Network	PROFIBUS PA
Transfer rate	31.25 kbit/s

Map connections and settings

Photograph the slot, wiring, connectors and settings before removal.

Identity	6GK1905-0AE00
Host	PROFIBUS PA SpliTConnect
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
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03 Installation and service sequence

The 6GK1905-0AE00 closes the documented PROFIBUS PA segment at its physical endpoint so that only the two intended bus ends remain terminated.

Restore the documented assembly

Match every documented interface and companion component.

Network	PROFIBUS PA
Transfer rate	31.25 kbit/s
Segment role	Electrical bus termination

Protect every interface

Restore mechanical retention, shielding and protective earth.

Identity	6GK1905-0AE00
Host	PROFIBUS PA SpliTConnect
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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04 Verification and fault isolation

The 6GK1905-0AE00 closes the documented PROFIBUS PA segment at its physical endpoint so that only the two intended bus ends remain terminated.

Verify the installed function

Review hardware, network and controller diagnostics after energization.

Transfer rate	31.25 kbit/s
Segment role	Electrical bus termination
Hazardous-area use	Not permitted

Isolate unexpected response

Functionally verify non-Ex termination of a PROFIBUS PA SpliTConnect segment before service release.

Identity	6GK1905-0AE00
Host	PROFIBUS PA SpliTConnect
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

The 6GK1905-0AE00 closes the documented PROFIBUS PA segment at its physical endpoint so that only the two intended bus ends remain terminated.

Complete the release record

Confirm the complete 6GK1905-0AE00 marking before work.

Exact model	6GK1905-0AE00
Product type	SpliTConnect Terminator (non-Ex)
Network	PROFIBUS PA

Retain acceptance evidence

Place the affected equipment in its approved maintenance state.

Identity	6GK1905-0AE00
Host	PROFIBUS PA SpliTConnect
Acceptance	Diagnostics and functional response

Siemens 6SE7033-5GJ84-1JC0 - View Apter Power product page

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