Product dashboard

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.

Exact model	Product type	System family	Functional role
6GK1905-0AE00	SpliTConnect Non-Ex Terminator	PROFIBUS PA SpliTConnect	Bus Terminator

PARAMETER	DOCUMENTED VALUE
Exact model	6GK1905-0AE00
Product type	SpliTConnect Terminator (non-Ex)
Network	PROFIBUS PA
Transfer rate	31.25 kbit/s
Segment role	Electrical bus termination
Hazardous-area use	Not permitted
Protection degree	IP67
Operating temperature	-40 to +85 C

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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6GK1905-0AE00

System overview

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

Installed-system renewal

Restores the documented 6GK1905-0AE00 position while keeping the approved host and interfaces.

Controlled maintenance

Supports as-found recording, safe isolation and exact connection restoration.

Compatibility review

Compares the full marking, host, connectors, settings and companion hardware.

Commissioning evidence

Records diagnostics and a controlled functional test of non-Ex termination of a PROFIBUS PA SpliTConnect segment.

SYSTEM POSITION	RECORD
Installed identity	6GK1905-0AE00

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6GK1905-0AE00

Technical data map

PARAMETER	VERIFIED VALUE
Exact model	6GK1905-0AE00
Product type	SpliTConnect Terminator (non-Ex)
Network	PROFIBUS PA
Transfer rate	31.25 kbit/s
Segment role	Electrical bus termination
Hazardous-area use	Not permitted
Protection degree	IP67
Operating temperature	-40 to +85 C
Silicon-free	Yes
Packaging	5 units per pack
Acceptance	Endpoint placement and segment communication

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	non-Ex termination of a PROFIBUS PA SpliTConnect segment

Technical evidence record: Siemens 6GK1905-0AE00 technical data sheet and SpliTConnect installation instructions

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6GK1905-0AE00

Applications and precautions

1. Confirm the complete 6GK1905-0AE00 marking before work.
2. Place the affected equipment in its approved maintenance state.
3. Isolate connected energy and prove the circuit safe.
4. Photograph the slot, wiring, connectors and settings before removal.
5. Match every documented interface and companion component.
6. Restore mechanical retention, shielding and protective earth.
7. Review hardware, network and controller diagnostics after energization.
8. Functionally verify non-Ex termination of a PROFIBUS PA SpliTConnect segment before service release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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6GK1905-0AE00

Buyer and engineering FAQ

What does 6GK1905-0AE00 identify?

6GK1905-0AE00 identifies the splitconnect non-ex terminator used for non-Ex termination of a PROFIBUS PA SpliTConnect segment.

Which installed system must 6GK1905-0AE00 match?

Match 6GK1905-0AE00 to the recorded PROFIBUS PA SpliTConnect host, position and companion hardware.

Which markings must be checked on 6GK1905-0AE00?

Verify the complete 6GK1905-0AE00 text and every suffix, revision or assembly marking on the supplied item.

What should be recorded before removing 6GK1905-0AE00?

Record the slot, connectors, cable labels, switches, parameters, adjacent hardware and diagnostic state.

Related Apter Power pages

Siemens 6SE7033-7EG84-1JF1 - View Apter Power product page

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