

01 Readiness and operating boundary

Siemens 6GK5308-2FM10-2AA3 is a SCALANCE X308-2LD managed Industrial Ethernet switch with seven 10/100 Mbit/s RJ45 ports, one 10/100/1000 Mbit/s RJ45 port and two 1000 Mbit/s single-mode SC fiber ports.

Confirm exact identity

Confirm the complete 6GK5308-2FM10-2AA3 marking and X308-2LD identity before work.

Exact article	6GK5308-2FM10-2AA3
Product type	SCALANCE X308-2LD managed plus IE switch
10/100 RJ45 ports	7

Establish the safe work boundary

Export the active configuration and record the installed C-PLUG before isolation.

Identity	6GK5308-2FM10-2AA3
Host	SCALANCE X-300
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

CONTACT APTER POWER

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6GK5308-2FM10-2AA3

02 Configuration and interface setup

In a resilient plant network, Siemens 6GK5308-2FM10-2AA3 coordinates copper and long-distance single-mode fiber segments while retaining managed switching and ring-control functions.

Record the as-found configuration

Label all seven Fast Ethernet ports, the gigabit RJ45 port and both SC fiber routes.

Product type	SCALANCE X308-2LD managed plus IE switch
10/100 RJ45 ports	7
10/100/1000 RJ45 ports	1

Map connections and settings

Verify that each optical path uses the retained single-mode SC connection.

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03 Installation and service sequence

In a resilient plant network, Siemens 6GK5308-2FM10-2AA3 coordinates copper and long-distance single-mode fiber segments while retaining managed switching and ring-control functions.

Restore the documented assembly

Prove both 18-32 V DC supply paths and the signaling-contact circuit safe.

10/100 RJ45 ports	7
10/100/1000 RJ45 ports	1
1000 Mbit/s optical ports	2 single-mode SC

Protect every interface

Restore the ring-manager role, VLAN, RSTP, IGMP and PROFINET assignments.

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REQUIRED ENTRY

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04 Verification and fault isolation

In a resilient plant network, Siemens 6GK5308-2FM10-2AA3 coordinates copper and long-distance single-mode fiber segments while retaining managed switching and ring-control functions.

Verify the installed function

Compare LED states and the error signaling contact after energization.

10/100/1000 RJ45 ports	1
1000 Mbit/s optical ports	2 single-mode SC
Network functions	RSTP, VLAN and IGMP

Isolate unexpected response

Test copper forwarding, both fiber uplinks and redundancy recovery before release.

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5 05 Acceptance and service handover

In a resilient plant network, Siemens 6GK5308-2FM10-2AA3 coordinates copper and long-distance single-mode fiber segments while retaining managed switching and ring-control functions.

Complete the release record

Confirm the complete 6GK5308-2FM10-2AA3 marking and X308-2LD identity before work.

Exact article	6GK5308-2FM10-2AA3
Product type	SCALANCE X308-2LD managed plus IE switch
10/100 RJ45 ports	7

Retain acceptance evidence

Export the active configuration and record the installed C-PLUG before isolation.

Identity	6GK5308-2FM10-2AA3
Host	SCALANCE X-300
Acceptance	Diagnostics and functional response

Siemens 6GK5004-1BD00-1AB2

Siemens 6GK5324-0GG00-1AR2

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