

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6GK5308-2FM00-2AA3

managed modular Ethernet switch



PRODUCT	6GK5308-2FM00-2AA3
FAMILY	SCALANCE X-300 managed switches
FUNCTION	managed modular Ethernet switch
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens SCALANCE documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Built-in Ports	8 x RJ45
Transfer Rates	10/100/1000 Mbit/s
Media Module Slots	2
Console Interface	1 x RJ11
Rated Supply	24 V DC
Supply Range	18 to 32 V DC

02

PREPARATION AND CONNECTION

- Confirm the complete 6GK5308-2FM00-2AA3 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

SIEMENS

Data sheet

6GK5308-2FM00-2AA3



-- spare part -- SCALANCE X308-2LD, managed plus IE switch, 2x 1000 Mbps SM SC, 1x 10/100/1000 Mbps, 7x 10/100 Mbps RJ45 ports, LED diagnostics, error signaling contact with select/set button, PROFINET IO device, network management, integrated redundancy manager, office features (RSTP, VLAN, IGMP...) C-PLUG in scope of supply.

product type designation	
product brand name	SCALANCE
product type designation	X308-2LD
design of the product	7x 10/100 Mbit/s RJ45, 1x 10/100/1000 Mbit/s RJ45, 2x 1000 Mbit/s Singlemode SC
transfer rate	
transfer rate	10, 100, 1000 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
• for network components or terminal equipment	8
number of 10/100 Mbit/s RJ45 ports	
• with securing collar	7
number of 10/100/1000 Mbit/s RJ45 ports	
• with securing collar	1
number of 1000 Mbit/s SC ports	
• for single mode (LD)	2
interfaces / other	
number of electrical connections	
• for signaling contact	1
• for power supply	1
type of electrical connection	
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
operating voltage / of the signaling contacts	
• at DC / rated value	24 V
operational current / of the signaling contacts	
• at DC / maximum	0,1 A
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage supply / redundant power supply unit	No
type of voltage / 1 / of the supply voltage	DC
• supply voltage / 1 / rated value	24 V
• power loss [W] / 1 / rated value	9,6 W
• consumed current / 1 / maximum	0,4 A
• type of electrical connection / 1 / for power supply	4-pole terminal block
• product component / 1 / fusing at power supply input	Yes
• fuse protection type / 1 / at input for supply voltage	F 3 A / 32 V

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Subject to change without notice

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04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Siemens official product documentation
Product record	6GK5308-2FM00-2AA3
Manufacturer	Siemens SCALANCE
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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