

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6GK5310-0FA10-2AA3

managed gigabit Ethernet switch



PRODUCT	6GK5310-0FA10-2AA3
FAMILY	SCALANCE X-300 managed switches
FUNCTION	managed gigabit 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

Product Type	SCALANCE X310
Transfer Rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
For Network Components Or Terminal Equipme	10
With Securing Collar	7
For Signaling Contact	1
At Dc	24 V

02 PREPARATION AND CONNECTION

- Confirm the complete 6GK5310-0FA10-2AA3 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.

OFFICIAL INSTALLATION REFERENCE

- during operation - during storage - during transport	-40 ... +60 °C -40 ... +70 °C -40 ... +70 °C
relative humidity	95 %
at 25 °C / without condensation / during operation / maximum	
protection class IP	IP30
design, dimensions and weights	
design	compact
width	120 mm
height	125 mm
depth	123 mm
net weight	1.4 kg
fastening method	When used in shipbuilding, installation on a 35 mm standard mounting rail is not permitted.
19-inch installation 35 mm top hat DIN rail mounting - wall mounting - S7-300 rail mounting - S7-1500 rail mounting	No Yes Yes Yes No
product features, product functions, product components / general	
cascading in the case of a redundant ring / at reconfiguration time of <1~0.31~s	100
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
product function	
- CLI - web-based management - MIB support - TRAPs via email - configuration with STEP 7 - RMON - port mirroring - multiport mirroring - CoS - PROFINET IO diagnosis	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
PROFINET conformity class	B
product function / switch-managed	Yes
protocol / is supported	
- Telnet - HTTP - HTTPS - TFTP - FTP - BOOTP - GMRP - DCP - LLDP - SNMP v1 - SNMP v2 - SNMP v3 - IGMP (snocoping/querier)	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
identification & maintenance function	
- I&M0 - device-specific information - I&M1 - higher level designation/location designation	Yes Yes
product functions / diagnostics	
product function	
port diagnostics	Yes

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	6GK5310-0FA10-2AA3
Manufacturer	Siemens SCALANCE
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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