

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6GK5201-3BH00-2BA3

managed real-time Ethernet switch

[illegible]

PRODUCT	6GK5201-3BH00-2BA3
FAMILY	SCALANCE X-200IRT managed switches
FUNCTION	managed real-time 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 X201-3P IRT
Transfer Rate	10 Mbit/s, 100 Mbit/s
For Network Components Or Terminal Equipme	1
With Push-Pull Connection System	3
At Dc	24 V
External	18 V

02

PREPARATION AND CONNECTION

- Confirm the complete 6GK5201-3BH00-2BA3 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

Signal inputs/outputs	
Operating voltage / of the signaling contacts	
• at DC / Rated value	24 V
Operating current / of the signaling contacts	
• at DC / maximum	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external / minimum	18 V
• external / maximum	32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	1.1 A / 33 V
Consumed current / maximum	0.35 A
Power loss [W]	
• at DC / at 24 V	8.4 W
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +50 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Relative humidity	
• at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP30
Design, dimensions and weights	
Design	compact
Width	60 mm
Height	125 mm
Depth	124 mm
Net weight	0.78 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	No
Product features, product functions, product components / general	
Cascading in the case of a redundant ring / at reconfiguration time of <1~0.3~s	50
Cascading in cases of star topology	any (depending only on signal propagation time)

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	6GK5201-3BH00-2BA3
Manufacturer	Siemens SCALANCE
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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