

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Siemens 6GK5208-0BA00-2AC2

SCALANCE XC-200 | XC208 managed Industrial Ethernet switch

PORTS	DATA RATE	SWITCHING	SUPPLY
8 RJ45	10/100 Mbit/s	Layer 2	12-24 V DC

For qualified personnel. Follow the complete applicable manufacturer instructions and site safety procedures. Secure the machine and isolate affected circuits before installation, removal or wiring changes.

01

PREPARATION & CONNECTION

Location	Install in an appropriate enclosure and meet the documented access and ambient conditions.
Mounting	Use the permitted rail or wall mounting method; select S7 rail for the stated severe-vibration conditions.
Power source	Use the specified DC supply and safety classification; AC is not permitted.
Power wiring	Use the four-pole terminal block and the terminal markings; respect polarity and redundant-input requirements.
Network wiring	Connect suitable Industrial Ethernet copper cables to the 10/100 Mbit/s RJ45 ports.
Fault signaling	If used, wire the contact within its operating-voltage and 100 mA limits.

Instruction basis: M pp.13,15-17,55,61,72,83-84,87,119-120. This guide is not a substitute for a controlled installation procedure.

02

COMMISSIONING & FUNCTIONAL CHECKS

- Confirm the exact 6GK5208-0BA00-2AC2 identity and the required firmware.
- Check the 9.6-31.2 V DC range and suitable power-line overvoltage protection.
- Use the specified conductor range and stripping length; inspect the terminal grip before energization.
- Configure addressing, VLAN and redundancy as required by the approved network design.
- Verify network links and diagnostics, secure management access and perform the network functional test.

03

MANUFACTURER INSTRUCTIONS

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Read the complete safety, mounting, wiring and commissioning sections for the selected product and revision. Referenced accessories are not included unless expressly stated in the quotation.

04

BEFORE RETURN TO SERVICE

Verify the product label, configuration, protective measures and expected system response. Restore power in a controlled manner and complete the site functional test before normal operation.