

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

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

Siemens 6GK5208-0BA00-2AC2 is the SCALANCE XC208 managed Layer 2 Industrial Ethernet switch with eight 10/100 Mbit/s RJ45 ports. It connects automation devices within a configured network and provides a console interface, diagnostic indications and support for redundant DC power connections.

01

VERIFIED TECHNICAL DATA

Ethernet ports	8 RJ45 ports, 10/100 Mbit/s
Switching method	Layer 2, store-and-forward
Console interface	1 RJ11 port
Supply voltage	12-24 V DC nominal; permitted 9.6-31.2 V DC
Supply redundancy	Two DC inputs; the higher-voltage source carries the load
Power consumption	4.2 W
Signaling contact rating	24 V DC maximum, 100 mA maximum
Operating ambient temperature	-40 to +70 C up to 2000 m altitude

Technical basis: C79000-G8976-C442-16, 06/2025. Exact-model values are distinguished from applicable series instructions. Verify the current product and installed revision before engineering.

02 OPERATING & INTEGRATION LIMITS

Storage and transport temperature	-40 to +85 C
Degree of protection	IP20
Mounting options	Wall, DIN rail, S7-300 rail or S7-1500 rail; application restrictions apply
MAC address table	8192 entries
QoS priority queues	4
Network management functions	VLAN and RSTP; PROFINET IO device integration

03 PRODUCT SELECTION CHECKS

- Match the complete 2AC2 order-code suffix
- Check 10/100 Mbit/s bandwidth against network demand
- Verify supply, enclosure and mounting conditions
- Plan topology, redundancy and security configuration

04 OFFICIAL DOCUMENTATION

C79000-G8976-C442-16 - 06/2025

Current official product information

This is an independent product reference, not a certificate for an individual unit. Gross shipping weight is not inferred from net product mass.