

SIMATIC NET INDUSTRIAL COMMUNICATION

Product Data Sheet

6GK5212-2BC00-2AA3

managed Industrial Ethernet switch

FUNCTION managed Industrial Ethernet switch	FAMILY SIMATIC NET industrial communication	ORIGIN Germany	WEIGHT 1.563 kg
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Siemens SCALANCE 6GK5212-2BC00-2AA3 is a managed Industrial Ethernet switch for the SIMATIC NET industrial communication. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

transfer rate	10, 100 Mbit/s
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
high speed redundancy protocol (HRP) with standby redundancy	No
for network components or terminal equipment	12
for single mode (LD)	2
for signaling contact	1
interfaces / other for signaling contact	2-pole terminal block
interfaces / other for power supply	4-pole terminal block
at DC / rated value	24 V
at DC / maximum	0.1 A

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Connect controllers, drives and operator stations: Use 6GK5212-2BC00-2AA3 to carry configured plant Ethernet traffic while preserving VLANs, device names, management addresses and documented port assignments.
- Build managed machine and cell connections: Match RJ45, SFP or media-module interfaces documented for 6GK5212-2BC00-2AA3; maintain approved link speed, redundancy protocol and optical transceiver selection.
- Verify managed switching and diagnostics: After installing 6GK5212-2BC00-2AA3, confirm link state, ring or standby behavior, PROFINET diagnostics and permitted management access before restoring control traffic.

SYSTEM COMPATIBILITY

Match 6GK5212-2BC00-2AA3 to the installed SIMATIC NET industrial communication, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6GK5212-2BC00-2AA3>

AMIKON PRODUCT SUPPORT

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