

SIMATIC NET OPTICAL NETWORKS

Product Data Sheet

6GK5101-1BC00-2AA3

optical Industrial Ethernet switch

FUNCTION optical Industrial Ethernet switch	FAMILY SIMATIC NET optical networks	ORIGIN Germany	WEIGHT 2.50 kg
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Siemens SCALANCE 6GK5101-1BC00-2AA3 is a optical Industrial Ethernet switch for the SIMATIC NET optical networks. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Rated value	24 V
Maximum	0.1 A
Transfer Rate	100 Mbit/s
Operating Temperature	-10 ... +60 °C
Storage Temperature	-40 ... +80 °C
Maximum Current	0.12 A
At input for supply voltage	0.5 A / 60 V
Power Loss	3 W
Minimum necessary	0 dB
Network Ports	1

ADDITIONAL PRODUCT DATA

Of the transmitter output / minimum	-5 dB
Minimum	-35 dB
Depending on the optical fiber used	0 ... 26 km
For network components or terminal equipment	RJ45 port

OFFICIAL APPLICATIONS

- Refinery separation and storage areas: Drive Coordination Systems
- Solvent recovery and dosing rooms: Quality Inspection Systems
- Sterile filling and packaging cells: Process Control Systems

SYSTEM COMPATIBILITY

Match 6GK5101-1BC00-2AA3 to the installed SIMATIC NET optical networks, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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