

SIMATIC NET INDUSTRIAL COMMUNICATION

Product Data Sheet

6GK5416-4GR00-2AM2

scalance managed network switch

FUNCTION	FAMILY	ORIGIN	WEIGHT
scalance managed network switch	SIMATIC NET industrial communication	Germany	0.8 kg

Siemens SCALANCE 6GK5416-4GR00-2AM2 is a scalance managed network switch for the SIMATIC NET industrial communication. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	Siemens
Order Number	6GK5416-4GR00-2AM2
Product Type	Scalance Managed Network Switch
Product Family	SIMATIC NET industrial communication
Country of Origin	Germany
Supply Voltage	24 V DC
Network Standard	Industrial Ethernet
Data Rate	10 / 100 Mbit/s
Port Function	Managed communication
Mounting	DIN rail or panel

Connector Check	Keying and pin condition
Grounding Check	Protective earth continuity
Configuration Record	Saved engineering project
Diagnostic Check	Module status and fault memory
Commissioning Test	Controlled functional test

- Use 6GK5416-4GR00-2AM2 in its documented control function: Apply 6GK5416-4GR00-2AM2 in the specified SIMATIC NET industrial communication position and confirm the complete Siemens order number, installed hardware revision, power supply and approved engineering project before service.
- Record the installed interface arrangement: Photograph terminal labels, connector keying, network or signal cabling, shields, protective earth and neighboring modules. Preserve the documented slot and configuration during exchange.
- Test the affected automation function: After fitting 6GK5416-4GR00-2AM2, restore the controlled project, review module diagnostics and test the affected I/O, HMI, network, weighing or drive function at a safe operating point. Record final acceptance results.

Match 6GK5416-4GR00-2AM2 to the installed SIMATIC NET industrial communication, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall product documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GK5416-4GR00-2AM2>

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