

SIMATIC NET INDUSTRIAL COMMUNICATION

Product Data Sheet

6GK5414-3FC00-2AA2

industrial automation control module

FUNCTION	FAMILY	ORIGIN	WEIGHT
industrial automation control module	SIMATIC NET industrial communication	Germany	3.939 kg

Siemens SCALANCE 6GK5414-3FC00-2AA2 is a industrial automation control module 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, 1000 Mbit/s
VLAN - protocol-based	No
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
for network components or terminal equipment	14
for multimode	4
for operator console	1
for media module	3
interfaces / other for operator console	RS232
for management purposes	RJ45
interfaces / other for signaling contact	4-pole terminal block

- Use the documented industrial automation control module: Apply 6GK5414-3FC00-2AA2 only in the manufacturer-specified SIMATIC NET industrial communication position. Match the complete article number, electrical interfaces and adjacent hardware before service.
- Preserve interfaces and module position: Record connector keying, terminal assignments, shields, protective earth and neighboring assemblies for 6GK5414-3FC00-2AA2; restore the same controlled arrangement during installation.
- Validate the restored control function: After installing 6GK5414-3FC00-2AA2, review system diagnostics and test the affected signals, communication or controlled equipment at a safe operating point. Record the final acceptance results.

Match 6GK5414-3FC00-2AA2 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 technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6GK5414-3FC00-2AA2>