

SIMATIC NET INDUSTRIAL COMMUNICATION

# Product Data Sheet

**6GK7542-5DX00-0XE0**

simatic s7 1500 communication processor

| FUNCTION                              | FAMILY                               | ORIGIN  | WEIGHT |
|---------------------------------------|--------------------------------------|---------|--------|
| simatic s7 1500 communication process | SIMATIC NET industrial communication | Germany | 0.3 kg |

Siemens SCALANCE 6GK7542-5DX00-0XE0 is a simatic s7 1500 communication processor 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      | 6GK7542-5DX00-0XE0                      |
| Product Type      | Simatic S7 1500 Communication Processor |
| 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                       |

- Use 6GK7542-5DX00-0XE0 in its documented control function: Apply 6GK7542-5DX00-0XE0 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 6GK7542-5DX00-0XE0, 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 6GK7542-5DX00-0XE0 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/6GK7542-5DX00-0XE0>