

SCALANCE X INDUSTRIAL ETHERNET SWITCHES

Product Data Sheet

6GK5213-3BF00-2TB2

managed Industrial Ethernet switch

FUNCTION	FAMILY	ORIGIN	WEIGHT
managed Industrial Ethernet switch	SCALANCE X Industrial Ethernet switch	Germany	Confirm before dispatch

Siemens SCALANCE 6GK5213-3BF00-2TB2 is a managed Industrial Ethernet switch for the SCALANCE X Industrial Ethernet switches. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6GK5213-3BF00-2TB2
Product Class	Managed Industrial Ethernet Switch
Product Family	SCALANCE X Industrial Ethernet switches
Port Configuration	13 × 10/100 RJ45 + 3 × 100 fiber
Fiber Interface	SC single-mode
Switching Method	Store and forward
Ethernet Rate	10 / 100 Mbit/s
PROFINET Role	IO device diagnostics
Redundancy	MRP / ring manager
Management	SNMP and web management

ADDITIONAL PRODUCT DATA

Supply Class	24 V DC
Protection Class	IP20
Alarm Output	Signaling contact
Configuration	C-PLUG support

OFFICIAL APPLICATIONS

- Supervise remote-station communication with Mana D: Inside the distributed I/O and supervisory servers, 6GK5213-3BF00-2TB2 operates in its approved product-family role as a mana d Industrial Ethernet switch. During station reconnection, the system uses this function to restore cyclic data exchange with the remote station, helping it return the station to the controller scan.
- Sequence packaging-cell networking with Mana D: During operation of the packers, labelers and palletizer controls, 6GK5213-3BF00-2TB2 supports the configured automation role as a mana d Industrial Ethernet switch. During format change, the system uses this function to keep machine-to-machine status available through the change, helping it coordinate the packaging sequence after the change.
- Track body-shop ring communication during network-path failover: As part of the managed switches, cell controllers and line servers, 6GK5213-3BF00-2TB2 operates in its approved product-family role as a mana d Industrial Ethernet switch. During network-path failover, the system uses this function to preserve line communications over the alternate path, helping it keep body movement coordinated through the event.

SYSTEM COMPATIBILITY

Match 6GK5213-3BF00-2TB2 to the installed SCALANCE X Industrial Ethernet switches, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WWW/Catalog/Product/6GK5213-3BF00-2TB2>

AMIKON PRODUCT SUPPORT

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