

SCALANCE X INDUSTRIAL ETHERNET SWITCHES

Product Data Sheet

6GK5201-3JR10-2BA6

managed Industrial Ethernet switch

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

Siemens SCALANCE 6GK5201-3JR10-2BA6 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	6GK5201-3JR10-2BA6
Product Class	Managed Industrial Ethernet Switch
Product Family	SCALANCE X Industrial Ethernet switches
Port Configuration	1 × 10/100 RJ45 + 3 × POF fiber
Fiber Interface	SC-RJ POF
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	IP65/67
Alarm Output	Signaling contact
Configuration	C-PLUG support

OFFICIAL APPLICATIONS

- Stabilize filling-line communication with Mana D: Across the fillers, checkweighers and line controllers, 6GK5201-3JR10-2BA6 handles its designated signal or control duty as a mana d Industrial Ethernet switch. During line-speed change, the system uses this function to carry cyclic control and diagnostic traffic between line devices, helping it keep filling and inspection events synchronized.
- Coordinate warehouse backbone during uplink switchover: During operation of the industrial switches and storage controllers, 6GK5201-3JR10-2BA6 operates in its approved product-family role as a mana d Industrial Ethernet switch. During uplink switchover, the system uses this function to maintain the redundant path between storage areas, helping it preserve warehouse visibility through the network event.
- Synchronize robot-cell networking with Mana D: In the automation chain for the robot controllers, safety devices and PLCs, 6GK5201-3JR10-2BA6 performs its assigned control role as a mana d Industrial Ethernet switch. During model change, the system uses this function to exchange interlocks and production status across the cell, helping it start the correct joining sequence.

SYSTEM COMPATIBILITY

Match 6GK5201-3JR10-2BA6 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/WW/Catalog/Product/6GK5201-3JR10-2BA6>

AMIKON PRODUCT SUPPORT

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