

SCALANCE X INDUSTRIAL ETHERNET SWITCHES

Product Data Sheet

6GK5202-2JR10-2BA6

managed Industrial Ethernet switch

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

Siemens SCALANCE 6GK5202-2JR10-2BA6 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	6GK5202-2JR10-2BA6
Product Class	Managed Industrial Ethernet Switch
Product Family	SCALANCE X Industrial Ethernet switches
Port Configuration	2 × 10/100 RJ45 + 2 × 100 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

- Route distributed I/O networking with Mana D process control: During operation of the remote I/O, analyzers and local controllers, 6GK5202-2JR10-2BA6 operates in its approved product-family role as a mana d Industrial Ethernet switch. During field-device reconnection, the system uses this function to restore cyclic input and output data to the controller, helping it return the measurement and command points to normal scan.
- Protect remote-station communication with Mana D: Within the distributed I/O and supervisory servers, 6GK5202-2JR10-2BA6 performs its assigned control 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.
- Control filling-line communication during line-speed change: At the control layer of the fillers, checkweighers and line controllers, 6GK5202-2JR10-2BA6 performs its assigned control role 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.

SYSTEM COMPATIBILITY

Match 6GK5202-2JR10-2BA6 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/6GK5202-2JR10-2BA6>

AMIKON PRODUCT SUPPORT

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