

SCALANCE X INDUSTRIAL ETHERNET SWITCHES

Product Data Sheet

6GK5224-0BA00-2AC2

managed Industrial Ethernet switch

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

Siemens SCALANCE 6GK5224-0BA00-2AC2 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	6GK5224-0BA00-2AC2
Product Class	Managed Industrial Ethernet Switch
Product Family	SCALANCE X Industrial Ethernet switches
Port Configuration	Managed Industrial Ethernet ports
Fiber Interface	Industrial Ethernet
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

- Protect cold-storage connectivity with Mana D: Inside the refrigeration controllers and supervisory stations, 6GK5224-0BA00-2AC2 operates in its approved product-family role as a mana d Industrial Ethernet switch. During refrigeration duty change, the system uses this function to maintain controller and monitoring communication across the utility network, helping it preserve visibility of temperatures and equipment states.
- Stabilize carrier identification exchange with Mana D: In the automation chain for the readers, conveyor controls and tracking servers, 6GK5224-0BA00-2AC2 provides its specified system function as a mana d Industrial Ethernet switch. During carrier handoff, the system uses this function to move identity and route data with the carrier, helping it send the carrier to the intended operation.
- Govern warehouse backbone with Mana D process control: In the automation chain for the industrial switches and storage controllers, 6GK5224-0BA00-2AC2 handles its designated signal or control duty 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.

SYSTEM COMPATIBILITY

Match 6GK5224-0BA00-2AC2 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/6GK5224-0BA00-2AC2>

AMIKON PRODUCT SUPPORT

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