

SCALANCE XC116

Product Data Sheet

6GK5116-0BA00-2AC2

Unmanaged Industrial Ethernet switch

ELECTRICAL PORTS	TRANSMISSION RATE	SUPPLY VOLTAGE RANGE	POWER LOSS
16 RJ45 ports	10/100 Mbps	9.6 to 31.2 V DC	5.4 W

Siemens 6GK5116-0BA00-2AC2 is a SCALANCE XC116 unmanaged Industrial Ethernet switch for connecting automation devices in manufacturing and process networks. It provides sixteen electrical Fast Ethernet ports in a compact industrial enclosure.

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VERIFIED TECHNICAL DATA

Electrical ports	16 RJ45 ports
Transmission rate	10/100 Mbps
Supply voltage range	9.6 to 31.2 V DC
Power loss	5.4 W
Current at 12 V DC	450 mA
Current at 24 V DC	225 mA
Supply terminal poles	4
Internal fuse rating	2.5 A
Signaling contact rating	24 V DC / 100 mA
Operating temperature	-40 to +70 deg C, up to 2000 m

ADDITIONAL PRODUCT DATA

Storage temperature	-40 to +85 deg C
Maximum relative humidity	95%, non-condensing
Ingress protection	IP20
Housing material	Polycarbonate PC-GF10
MTBF at 40 deg C	More than 73.69 years

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Component Production: Passenger Vehicle Assembly.

Industrial Chemical and Petrochemical Production: Industrial Chemical Production.

Industrial Manufacturing and Production Processing: Industrial Component Manufacturing.

SYSTEM COMPATIBILITY

6GK5116-0BA00-2AC2 belongs to the SCALANCE XC116 family and provides the documented unmanaged industrial ethernet switch function. Its electrical ports is 16 RJ45 ports; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SCALANCE XC116 manufacturer documentation; applicable pages 11, 12, 16, 18, 19, 44