SCALANCE X116

Product Data Sheet

6GK5116-0BA00-2AA3

Sixteen-port unmanaged Ethernet switch

ETHERNET PORT COUNT	COPPER CONNECTIONS	SUPPLY INPUTS	SUPPLY VOLTAGE
16	**RJ45, 10/100 Mbit/s**	**2, redundant**	**24 V DC, 18-32 V**

Siemens 6GK5116-0BA00-2AA3 is the unmanaged SCALANCE X116 Industrial Ethernet switch. Sixteen RJ45 ports provide 10/100 Mbit/s copper connections. LED diagnostics and a configurable fault-signaling contact support local indication without a managed-switch configuration interface.

01 TECHNICAL DATA

Ethernet port count	16
Copper connections	RJ45, 10/100 Mbit/s
Supply inputs	2, redundant
Supply voltage	24 V DC, 18-32 V
Maximum current demand	0.3 A
Typical active loss	4.4 W at 24 V
Signaling contact	1, rated 24 V DC / 0.1 A maximum
Power connector	4-pole terminal block
Signaling connector	2-pole terminal block
Input supply fuse	Not integrated

Siemens 6GK5116-0BA00-2AA3 manufacturer specification, applicable pages 1, 2, 3.

02 ADDITIONAL PRODUCT DATA

Operating ambient	-20 to 70 C
Storage ambient	-40 to 80 C
Humidity limit	95% RH at 25 C without condensation
Ingress rating	IP30
Mounting alternatives	35 mm DIN rail, S7-300 rail or wall

03 PRODUCT FUNCTION

The switch accepts redundant 24 V DC inputs within 18-32 V and dissipates approximately 4.4 W at 24 V. Its compact IP30 enclosure supports DIN-rail, S7-300-rail or wall installation. The documented operating temperature is -20 to 70 C with non-condensing humidity up to 95%.

04 SYSTEM COMPATIBILITY

Connect the redundant DC supplies within 18-32 V using the four-pole terminal and wire the separate signaling contact. Include external protection and the actual IP30 mounting environment.

05 REFERENCE

Siemens 6GK5116-0BA00-2AA3 manufacturer specification, applicable pages 1, 2, 3.

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