SCALANCE X104-2

Product Data Sheet

6GK5104-2BB00-2AA3

Mixed-media unmanaged Ethernet switch

COPPER ETHERNET INTERFACES	FIBER ETHERNET INTERFACES	OPTICAL CONNECTION	SPECIFIED OPTICAL REACH
4 x RJ45, 10/100 Mbit/s	**2 x 100 Mbit/s**	**Multimode BFOC**	**Up to 5 km, applicable fiber conditions**

Siemens 6GK5104-2BB00-2AA3 is the unmanaged SCALANCE X104-2 switch combining four electrical Ethernet ports with two optical ports. The RJ45 interfaces support 10/100 Mbit/s, while the multimode BFOC connections operate at 100 Mbit/s and provide the documented fiber reach of up to five kilometers.

01 TECHNICAL DATA

Copper Ethernet interfaces	4 x RJ45, 10/100 Mbit/s
Fiber Ethernet interfaces	2 x 100 Mbit/s
Optical connection	Multimode BFOC
Specified optical reach	Up to 5 km, applicable fiber conditions
Supply arrangement	Redundant DC inputs
Supply range	18 to 32 V DC, nominal 24 V
Maximum current demand	0.175 A
Active power loss	3.8 W at 24 V DC
Signaling contact circuit	24 V DC, 0.1 A maximum
Supply terminal	4-pole block

Siemens 6GK5104-2BB00-2AA3 manufacturer specification, applicable pages 1, 2, 3.

02 ADDITIONAL PRODUCT DATA

Alarm terminal	2-pole block
Operating temperature	-10 to 60 C
Storage and transport	-40 to 80 C
Maximum humidity	95% RH at 25 C, non-condensing
Ingress protection	IP30

03 PRODUCT FUNCTION

Redundant 24 V DC supply inputs operate within 18-32 V. A two-pole signaling-contact terminal and local LEDs indicate the selected fault conditions. The switch has an IP30 enclosure, 3.8 W specified active loss and a -10 to 60 C operating range.

04 SYSTEM COMPATIBILITY

Provide redundant 24 V DC supplies and the signaling circuit using the separate removable terminals. Maintain the IP30 installation conditions and the -10 to 60 C operating range.

05 REFERENCE

Siemens 6GK5104-2BB00-2AA3 manufacturer specification, applicable pages 1, 2, 3.

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