SCALANCE XB004-1LD

Product Data Sheet

6GK5004-1BF00-1AB2

Unmanaged Industrial Ethernet Switch

COPPER ETHERNET PORTS	COPPER PORT CONNECTOR	COPPER PORT RATES	OPTICAL ETHERNET PORTS
4	**RJ45**	**10 / 100 Mbit/s**	**1 single-mode**

Siemens 6GK5004-1BF00-1AB2 is the SCALANCE XB004-1LD unmanaged Industrial Ethernet switch. It combines four 10/100 Mbit/s RJ45 copper ports with one 100 Mbit/s single-mode fiber-optic port using an SC connection. The port arrangement supports compact star and line networks without requiring a switch-management configuration.

01 TECHNICAL DATA

Copper Ethernet ports	4
Copper port connector	RJ45
Copper port rates	10 / 100 Mbit/s
Optical Ethernet ports	1 single-mode
Optical connector	SC
Optical port rate	100 Mbit/s
Nominal external supply	24 V AC/DC
Permitted DC supply	19.2 to 28.8 V DC
Maximum current at rated supply	0.1 A
Maximum power loss	2.4 W

02 ADDITIONAL PRODUCT DATA

Supply terminal	3-pole terminal block
Input fuse rating	0.6 A / 60 V
Degree of protection	IP20
Operating temperature	-10 to +60 degrees C
Storage temperature	-40 to +80 degrees C

03 PRODUCT FUNCTION

The switch takes a nominal 24 V AC/DC supply through a three-pole terminal block; its listed DC operating range is 19.2 to 28.8 V. Maximum current at the rated supply is 0.1 A and maximum power loss is 2.4 W. The IP20 enclosure is intended for protected installation, with a documented operating range of -10 to +60 degrees C.

04 SYSTEM COMPATIBILITY

Install the switch on the supported rail or wall arrangement inside an enclosure suitable for the environment. Connect the three-pole supply terminal to the documented 24 V source and remain within the DC voltage limits. Include the 0.1 A current requirement and 2.4 W dissipation in the cabinet power and thermal budget.

05 REFERENCE

Siemens 6GK5004-1BF00-1AB2 official product data; applicable specification pages.

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