SIEMENS

Product data sheet 6GK5004-1GL00-1AB2

Product-type designation	SCALANCE XB004-1G
	SCALANCE XB004-1G UNMANAGED INDUSTRIAL ETHERNET SWITCH FOR 10/100/1000MBIT/S; W. 4 X 10/100/1000MBIT/S RJ45- ELECTRICAL PORTS AND 1 X1000MBIT/S SC-PORT OPTICAL (MULTIMODE, GLASS), UP TO MAX. 750M FOR ESTABLISHING SMALL STAR- AND LINE TOPOGRAPHIES; LED-DIAGNOSTICS, IP20, 24 V DC POWER SUPPLY, INCL. MANUAL
Transmission rate	
Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 Mbit/s
Transfer rate / 3	1000 Mbit/s
Interfaces	
Number of electrical/optical connections / for network components or terminal equipment / maximum	5
Number of electrical connections	
• for network components and terminal equipment	4
• for power supply	1
Design of electrical connection	
• for network components and terminal equipment	RJ45 port
• for power supply	3-pole terminal block
Number of optical interfaces / for optical waveguide	
• at 1000 Mbit/s	1
Design of optical interface / for optical waveguide	
• at 1000 Mbit/s	SC port (multimode up to 0.75 km)
Connectable optical power relative to 1 mW	
• of the transmitter output	-9.5 … -4 dB
• of the receiver input / maximum	-3 dB

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Optical sensitivity relative to 1 mW / of the receiver input / minimum	-17 dB
Attenuation / of fiber-optic cable transmission link / minimum necessary	0 dB
Range / at the optical interface / depending on the optical fiber used	0 … 0.75 km
Supply voltage, current consumption, power loss	
Type of voltage / of supply voltage	DC
Supply voltage / external	24 V
• minimum	19.2 V
• maximum	28.8 V
Product component / fusing at power supply input	Yes
Consumed current / maximum	0.52 A
Active power loss / at 24 V / for DC	12.5 W
Permitted ambient conditions	
Ambient temperature	
• during operating	-10 … +60 °C
• during storage	-40 … +80 °C
• during transport	-40 … +80 °C
Relative humidity	
• at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Design	Box
Width	45 mm
Height	100 mm
Depth	87 mm
Net weight	0.21 kg
Type of mounting	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes
Standards, specifications, approvals	
Standard	
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Verification of suitability	EN 61000-6-2, EN 61000-6-4
• CE mark	Yes
• C-Tick	Yes
• KC approval	Yes
Marine classification association	
• Det Norske Veritas (DNV)	No

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• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statkow (PRS)	No
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