

Product-type designation

SCALANCE XB004-1LD



SCALANCE XB004-1LD UNMANAGED INDUSTRIAL ETHERNET SWITCH FOR 10/100MBIT/S; WITH 4 X 10/100MBIT/S TWISTED PAIR- PORTS WITH RJ45-SOCKETS; 1 X100MBIT/S SINGLEMODE GLASS LWL-PORT WITH SC-SOCKET; FOR CONFIGURING SMALL STAR- AND LINE TOPOGRAPHIES; LED-DIAGNOSIS, IP20, 24 V DC POWER SUPPLY, INCL. MANUAL

Transmission rate

Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 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 100 Mbit/s	1
Design of optical interface / for optical waveguide	
• at 100 Mbit/s	SC port (singlemode up to 26 km)
Connectable optical power relative to 1 mW	
• of the transmitter output	-5 ... +0 dB
• of the receiver input / maximum	0 dB
Optical sensitivity relative to 1 mW / of the receiver input / minimum	-34 dB

Attenuation / of fiber-optic cable transmission link / minimum necessary	0 dB
Range / at the optical interface / depending on the optical fiber used	0 ... 26 km
Supply voltage, current consumption, power loss	
Type of / supply voltage	DC
Supply voltage / external	24 V
<ul style="list-style-type: none"> • minimum • maximum 	19.2 V 28.8 V
Product component / fusing at power supply input	Yes
Type of fusing / at input for supply voltage	0,6 A / 60 V
Consumed current / maximum	0.1 A
Active power loss / at 24 V / for DC	2.4 W
Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operating • during storage • during transport 	-10 ... +60 °C -40 ... +80 °C -40 ... +80 °C
Relative humidity	
<ul style="list-style-type: none"> • 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	0.165 kg
Mounting type	
<ul style="list-style-type: none"> • 35 mm DIN rail mounting • wall mounting 	Yes Yes
Standards, specifications, approvals	
Standard	
<ul style="list-style-type: none"> • for EMC / from FM • for safety / of CSA and UL • for emitted interference • for interference immunity 	FM3611: Class 1, Division 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 UL 60950-1, CSA C22.2 No. 60950-1 EN 61000-6-4 (Class A) EN 61000-6-2
Verification of suitability	EN 61000-6-2, EN 61000-6-4
<ul style="list-style-type: none"> • CE mark • C-Tick • KC approval 	Yes Yes Yes

Marine classification association

- | | |
|-------------------------------------|----|
| • Det Norske Veritas (DNV) | No |
| • Germanische Lloyd (GL) | No |
| • Lloyds Register of Shipping (LRS) | No |
| • Nippon Kaiji Kyokai (NK) | No |
| • Polski Rejestr Statkow (PRS) | No |

Further Information / Internet Links

Internet-Link

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|---|---|
| • to website: Industry Mall | http://www.siemens.com/industrial-controls/mall |
| • to website: Industrial communication | http://www.siemens.com/simatic-net |
| • to website: Information and Download Center | http://www.siemens.com/automation/net/catalog |
| • to website: Image database | http://automation.siemens.com/bilddb |
| • to website: CAx Download Manager | http://www.siemens.com/cax |
| • to website: Industry Online Support | http://support.automation.siemens.com |

letzte Änderung:

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