

product-type designation

SCALANCE X101-1LD



SCALANCE X101-1LD IE MEDIA CONVERTER
UNMANAGED 1 X 10/100MBIT/S RJ45 PORT,
1 X 100MBIT/S SINGLEMODE BFOC,
LED DIAGNOSIS,
FAULT SIGNAL. CONTACT WITH SET BUTTON,
REDUNDANT POWER SUPPLY,
PROFINET COMPLIANT SLEEVE,
INCL. ELECTRONIC MANUAL ON CD

Transmission rate

Transfer rate / 1

10 Mbit/s

Transfer rate / 2

100 Mbit/s

Interfaces

Number of electrical connections

- [nicht versorgt - für Netzkomponenten und Endgeräte]
- for alarm contact
- [nicht versorgt - für Spannungsversorgung]
- [nicht versorgt - für redundante Spannungsversorgung]

2

1

1

1

1

Design of electrical connection

- [nicht versorgt - für Netzkomponenten und Endgeräte]
- [nicht versorgt - für Meldekontakt]
- [nicht versorgt - für Spannungsversorgung]

RJ45 port

2-pole terminal block

4-pole terminal block

Number of optical interfaces / for optical waveguide

- at 100 Mbit/s

1

Design of the optical interface / for optical waveguide

- at 100 Mbit/s

BFOC port (singlemode up to 26 km)

[nicht versorgt: PMD_ABS600_001_000]

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-5 dB ... 0 dB

•	0 dB
	-35 dB
	0 dB
Inputs/outputs	
	24 V
	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage / external	24 V
• minimum	18 V
• maximum	32 V
	Yes
	0.5A / 60V
Consumed current / [nicht versorgt - maximal]	0.12 A
Active power loss / at 24 V / for DC	3 W
Permitted ambient conditions	
Ambient temperature	
• during the operating phase	-10 °C ... 60 °C
• during storage	-40 °C ... 80 °C
• during transport	-40 °C ... 80 °C
Relative humidity / at 25 °C / without condensation / during the operating phase / maximum	95 %
Protection class IP	IP 30
Design, dimensions and weight	
Design	Compact
Width	40 mm
Height	125 mm
Depth	124 mm
net weight	0.55 kg
Type of fixing	
• 35 mm DIN rail mounting	Yes
• wall-mounting	Yes
• S7-300 rail mounting	Yes
Product properties, functions, components / general	
Standards, specifications, approvals	
Standard	
• for EMC / from FM	FM3611: Class 1, Division 2, Group A, B, C, D / T.., Class 1, Zone 2, Group IIC, T..
• for Ex-zone	EN 600079-15 II 3 G EEx nA II T.. KEMA 06 ATEX 0021 X
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1

• for hazardous area / of CSA and UL

• for emitted interference

• for interference immunity

Verification of suitability

• CE-mark

• C-Tick

Marine classification association/ Polski Rejestr Statkow (PRS)

• [nicht versorgt - American Bureau of Shipping Europe Ltd. (ABS)]

• [nicht versorgt - Bureau Veritas (BV)]

• [nicht versorgt - Det Norske Veritas (DNV)]

• [nicht versorgt - Germanische Lloyd (GL)]

• Lloyds Register of Shipping (LRS)

• Nippon Kaiji Kyokai (NK)

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letzte Änderung:

UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T.., Class 1 / Zone 2 / Group IIC / T..

EN 61000-6-4 (Class A)

EN 61000-6-2

EN 61000-6-2, EN 61000-6-4

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

No

Feb 7, 2011