

6GK5101-1BB00-2AA3 SCALANCE X101-1

Technical Data

product-type designation	SCALANCE X101-1
	SCALANCE X101-1, IE MEDIA CONVERTER UNMANAGED 1 X 10/100MBIT/S RJ45 PORT, 1 X 100MBIT/S MULTIMODE BFOC, LED DIAGNOSIS, FAULT SIGNAL. CONTACT WITH SET BUTTON, REDUNDANT POWER SUPPLY, PROFINET COMPLIANT SLEEVE, INCL. ELECTRONIC MANUAL ON CD
Transmission rate	
Transfer rate / 2	100 Mbit/s
Interfaces	
	2
Number of electrical connections	
<ul style="list-style-type: none"> • [nicht versorgt - für Netzkomponenten und Endgeräte] 	1
<ul style="list-style-type: none"> • for alarm contact 	1
<ul style="list-style-type: none"> • [nicht versorgt - für Spannungsversorgung] 	1
<ul style="list-style-type: none"> • [nicht versorgt - für redundante Spannungsversorgung] 	1
Design of electrical connection	
<ul style="list-style-type: none"> • [nicht versorgt - für Netzkomponenten und Endgeräte] 	RJ45 port
<ul style="list-style-type: none"> • for signaling contact 	2-pole terminal block
<ul style="list-style-type: none"> • [nicht versorgt - für Spannungsversorgung] 	4-pole terminal block
Number of optical interfaces / for optical waveguide	
<ul style="list-style-type: none"> • at 100 Mbit/s 	1
Design of the optical interface / for optical waveguide	
<ul style="list-style-type: none"> • at 100 Mbit/s 	BFOC sockets (multimode up to 5 km)
[nicht versorgt: PMD_ABS600_001_000]	
<ul style="list-style-type: none"> • 	-19 dB...-14 dB
<ul style="list-style-type: none"> • 	-14 dB

	-31 dB
	0 dB
	0 km...5 km
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	IP30
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
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	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..
• CE-mark	Yes
• C-Tick	Yes
Marine classification association/ Polski Rejestr Statkow (PRS)	
• [nicht versorgt - American Bureau of	Yes

Shipping Europe Ltd. (ABS)]	
• [nicht versorgt - Bureau Veritas (BV)]	Yes
• [nicht versorgt - Det Norske Veritas (DNV)]	Yes
• [nicht versorgt - Germanische Lloyd (GL)]	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (NK)	Yes
•	No
letzte Änderung:	May 16, 2011