MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6GK5104-2BB00-2AA3

MIXED-MEDIA UNMANAGED ETHERNET SWITCH

Used with the applicable SCALANCE X104-2 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6GK5104-2BB00-2AA3 manufacturer specification, applicable pages 1, 2, 3.

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Product data sheet 6GK5104-2BB00-2AA3

product-type designation	SCALANCE X104-2
	SCALANCE X104-2, UNMANAGED IE SWITCH, 4 X 10/100MBIT/S RJ45 PORTS, 2 X 100 MBIT/S MULTIMODE BFOC, LED DIAGNOSTICS, FAULT SIGNAL. CONTACT WITH SET BUTTON, REDUNDANT VOLTAGE SUPPLY, W. ELECTRONIC MANUALS ON CD
Transmission rate	
Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 Mbit/s
Interfaces	
Number of electrical connections	6
• [nicht versorgt - für Netzkomponenten und Endgeräte]	4
• for alarm contact	1
• [nicht versorgt - für Spannungsversorgung]	1
• [nicht versorgt - für redundante Spannungsversorgung]	1
Design of electrical connection	
• [nicht versorgt - für Netzkomponenten und Endgeräte]	RJ45 port
• [nicht versorgt - für Meldekontakt]	2-pole terminal block
• [nicht versorgt - für Spannungsversorgung]	4-pole terminal block
Number of optical interfaces / for optical waveguide	
• at 100 Mbit/s	2
Design of the optical interface / for optical waveguide	
• at 100 Mbit/s	BFOC sockets (multimode up to 5 km)
[nicht versorgt: PMD_ABS600_001_000]	
•	-19 dB … -14 dB

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•	-14 dB
	-32 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
	0.6A / 60V
Consumed current / [nicht versorgt - maximal]	0.175 A
Active power loss / at 24 V / for DC	3.8 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	60 mm
Height	125 mm
Depth	124 mm
net weight	0.78 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 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA IIT.., KEMA 07 ATEX 0145 X

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• 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..
• 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
Marine classification association/ Polski Rejestr Statkow (PRS)	
• [nicht versorgt - American Bureau of Shipping Europe Ltd. (ABS)]	Yes
• [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
•	Yes
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