MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6GK5206-1BB00-2AA3

MANAGED SIX-PORT COPPER AND FIBER SWITCH

Used with the applicable SCALANCE X206-1 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens SCALANCE X206-1 6GK5206-1BB00-2AA3 Product Data Sheet, 2011, pages 1-4.

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Product data sheet 6GK5206-1BB00-2AA3

product-type designation	SCALANCE X206-1
	SCALANCE X206-1, MANAGED IE SWITCH, 6 X 10/100MBIT/S RJ45 PORTS, 1 X 100 MBIT/S MULTIMODE BFOC, LED DIAGNOSTICS, FAULT SIGNAL. CONTACT WITH SET BUTTON, REDUNDANT VOLTAGE SUPPLY, PROFINET IO DEVICE, NETWORK MANAGEMENT, OPER.IN RED. RING, W. ELECTRONIC MANUALS ON CD, OPTIONAL C-PLUG
Transmission rate	
Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 Mbit/s
Interfaces	
Number of electrical connections	7
• [nicht versorgt - für Netzkomponenten und Endgeräte]	6
• for alarm contact	1
• [nicht versorgt - für Spannungsversorgung]	1
• [nicht versorgt - für redundante Spannungsversorgung]	1
Design of the 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	1
Design of the optical interface / for optical waveguide / at 100 Mbit/s	BFOC sockets (multimode up to 5 km)
[nicht versorgt: PMD_ABS604_001_000]	
•	-19 dB … -14 dB -21 dB 0 dB

subject to modifications
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Version of the swap medium / C-Plug	Yes
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]	0.2 A
Active power loss / at 24 V / for DC	5.28 W
Permitted ambient conditions	
Ambient temperature	
• during the operating phase	-40 °C … 60 °C
• during storage	-40 °C … 70 °C
• during transport	-40 °C … 70 °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	
Cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s	50
Cascading in cases of star structuring	Any (depending only on signal propagation time)
Product functions / Configuration/management	
Product function	
• CLI	Yes
• web-based Management	Yes
• MIB support	Yes

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• TRAPs via email	Yes
• Configuration with STEP 7	Yes
• SMTP server	Yes
• Port mirroring	Yes
• for IRT / PROFINET IO switch	No
• PROFINET IO diagnosis	Yes
• switch-managed	Yes
Protocol / is supported	
• Telnet	Yes
• [nicht versorgt - HTTP]	Yes
• [nicht versorgt - HTTPS]	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
• DCP	Yes
• [nicht versorgt - LLDP]	Yes
Product functions / Diagnosis	
Product function	
• Port diagnostics	Yes
• Statistics Packet Size	Yes
• Statistics packet type	Yes
• Error Statistics	Yes
Product functions / DHCP	
Product function / DHCP client	Yes
Product functions / Redundancy	
Product function	
• Ring redundancy	Yes
• Redundancy manager	Yes
• Standby redundancy	No
• HSR redundancy protocol	Yes
• MRP redundancy protocol	Yes
• Passive listening	Yes
Product functions / Security	
Protocol / is supported / SSH	Yes
Product functions / Time	
Product function / SICLOCK support	Yes

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Protocol / is supported	
• NTP	No
• SNTP	Yes
Standards, specifications, approvals	
Norm	
• for EMC / from FM	FM3611: Class 1, Division 2, Group A, B, C, D / T.., CL.1, Zone 2, GP. IIC, T.. Ta
• for Ex-zone	EN 50021
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
• for hazardous area / of CSA and UL	ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4
• 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
letzte Änderung:	Feb 7, 2011

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