MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6GK5116-0BA00-2AA3

SIXTEEN-PORT UNMANAGED ETHERNET SWITCH

Used with the applicable SCALANCE X116 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6GK5116-0BA00-2AA3 manufacturer specification, applicable pages 1, 2, 3.

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Product data sheet 6GK5116-0BA00-2AA3

Product-type designation	SCALANCE X116
	SCALANCE X116, UNMANAGED IE SWITCH, 16 X 10/100MBIT/S RJ45 PORTS, LED DIAGNOSIS, FAULT SIGNAL. CONTACT WITH SET BUTTON, REDUNDANT POWER SUPPLY, INCL. ELECTRON. MANUAL ON CD
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	16
Number of electrical connections	
• for network components and terminal equipment	16
• for alarm contact	1
• for power supply	1
• for redundant power supply	1
Design of electrical connection	
• for network components and terminal equipment	RJ45 port
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
Inputs/outputs	

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Operating voltage / of signaling contacts / at DC / rated value	24 V
Operating current / of signaling contacts / at DC / maximum	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage / of supply voltage	DC
Supply voltage / external	24 V
• minimum	18 V
• maximum	32 V
Product component / fusing at power supply input	No
Consumed current / maximum	0.3 A
Active power loss / at 24 V / for DC	4.4 W
Permitted ambient conditions	
Ambient temperature	
• during operating	-20 … +70 °C
• during storage	-40 … +80 °C
• during transport	-40 … +80 °C
Relative humidity	
• at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP30
Design, dimensions and weight	
Design	compact
Width	120 mm
Height	125 mm
Depth	124 mm
Net weight	1.1 kg
Type of mounting	
• 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..

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• for hazardous zone	EN 60079-0:2006, EN60079-15:2005, II 3 G Ex nA II T.. KEMA 08 ATEX 0003 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..
• for emitted interference	EN 61000-6-4:2001
• for interference immunity	EN 61000-6-2:2001
Verification of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
• CE mark	Yes
• C-Tick	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (NK)	Yes
• Polski Rejestr Statkow (PRS)	No
letzte Änderung:	Feb 15, 2012

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