SIEMENS

Data sheet 6GK5108-0PA00-2AA3

Product type designation

SCALANCE X108PoE

SCALANCE X108POE UNMANAGED IE SWITCH, 2 X 10/100MBIT/S RJ45 POWER OVER ETHERNET PORTS AND 6 X 10/100MBIT/S RJ45 PORTS, LED-DIAGNOSIS, FAULT SIGNAL. CONTACT WITH SET BUTTON, REDUNDANT VOLTAGE SUPPLY MANUAL AVAILABLE AS DOWNLOAD



Transmission rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces	
Number of electrical/optical connections	
• for network components or terminal equipment / maximum	8
Number of electrical connections	
• for network components or terminal equipment	6
• for Power-over-Ethernet / for network components or terminal equipment	2
Type of electrical connection	
• for network components or terminal equipment	RJ45 port
• for Power-over-Ethernet / for network components or terminal equipment	RJ45 port
Interfaces / for communication / integrated	
Number of 100 Mbit/s SC ports	
• for multimode	0
Number of 1000 Mbit/s LC ports	

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• for multimode	0
• for single mode (LD)	0

Interfaces / others	
Number of electrical connections	
• for signaling contact	1
• for power supply	1
• for redundant voltage supply	1
Type of electrical connection	
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block

Signal-Inputs/outputs	
Operating voltage / of the signaling contacts	
• at DC / Rated value	24 V
Operating current / of the signaling contacts	
• at DC / maximum	0.1 A

Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external	18 ... 32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	4 A / 125 V
Consumed current / maximum	1.7 A
Active power loss	
• at DC / at 24 V	10 W

Permitted ambient conditions	
Ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
• Note	At 55° C ambient temperature on both sides 40 mm distance to adjacent devices
Relative humidity	
• at 25 °C / without condensation / during operation / maximum	95 %
Ambient condition	
• for operation	Conformal coating, no
Coating	Conformal Coating, no
Protection class IP	IP30

Design, dimensions and weight	
Design	compact

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Width	60 mm
Height	125 mm
Depth	124 mm
Net weight	0.9 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	No

Product functions / management, configuration

Product function	
• multiport mirroring	No
• switch-managed	No

Standards, specifications, approvals

Standard	
• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
• for hazardous zone	EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
• for hazardous zone / from 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
Certificate of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
• CE marking	Yes
• C-Tick	Yes
• KC approval	Yes
• E1 approval	No
• E1 approval	No
• Railway application in accordance with EN 50155	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	Yes
• Germanische Lloyd (GL)	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (NK)	Yes
• Polski Rejestr Statkow (PRS)	No
• Royal Institution of Naval Architects (RINA)	No

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MTBF / at 40 °C	61.64 y

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

Security information

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