SIEMENS

Data sheet   6GK5124-0BA00-2AR3

SCALANCE XR124WG; unmanaged IE switch; 19" rack; 24 x 10/100 Mbit/s electrical ports; LED diagnostics; Power supply 24 V DC;

Product type designation	SCALANCE XR124
Transfer rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces / for communication / Integrated	
Number of electrical connections	
• for network components or terminal equipment	24; RJ45
Number of 10/100 Mbit/s RJ45 ports / Integrated	24
Interfaces / other	
Number of electrical connections	
• for power supply	1
• for redundant voltage supply	1
Type of electrical connection	
• for power supply	2-pole terminal block
Supply voltage, current consumption, power loss	
Type of voltage supply / redundant power supply unit	No
Type of voltage / of the supply voltage	DC
Supply voltage	

● external	24 V
● external / minimum	19.2 V
● external / maximum	28.8 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	5 A / min. 60 V
Consumed current / maximum	0.25 A
Power loss [W]	
● at DC / at 24 V	6 W

Ambient conditions

Ambient temperature	
● during operation	0 ... 60 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
Relative humidity	
● at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP30

Design, dimensions and weights

Design	19" rack
Width	482.6 mm
Height	43.6 mm
Depth	127 mm
Net weight	2.7 kg
Mounting type	
● 19-inch installation	Yes
● 35 mm DIN rail mounting	No
● wall mounting	No
● S7-300 rail mounting	No
● S7-1500 rail mounting	No

Product features, product functions, product components / general

Cascading in cases of star topology	any (depending only on signal propagation time)

Product functions / management, configuration, engineering

Product function	
● multiport mirroring	No
● CoS	Yes
Product function / switch-managed	No

Product functions / redundancy

Product function	
● Parallel Redundancy Protocol (PRP)/operation in the PRP-network	Yes

• Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	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 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1, UL 61010-2-201
• for hazardous zone / from CSA and UL	UL 61010-2-201
• for emitted interference	EN 61000-6-4 (Class B)
• for interference immunity	EN 61000-6-2

Standards, specifications, approvals / CE

Certificate of suitability / CE marking	Yes

Standards, specifications, approvals / hazardous environments

Certificate of suitability	
• ATEX	Yes; EN 60079-0, EN60079-15, Ex II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
• IECEx	Yes; IEC 60079-0, IEC 60079-15, IECEx DEK 14.0025X, Ex nA IIC T4 Gc

Standards, specifications, approvals / other

Certificate of suitability	
• C-Tick	Yes
• Railway application in accordance with EN 50155	No
• related to FCC	T
• FCC, Part 15, Section B, Class b	Yes
• EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1	Yes
• KC approval	Yes

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/industry/infocenter
• 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

05/14/2020

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