

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
type of electrical connection	
• for power supply	2-pole terminal block
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage supply / redundant power supply unit	No
type of voltage / 1 / of the supply voltage	DC
• supply voltage / 1 / rated value	24 V

• power loss [W] / 1 / rated value	6 W
• supply voltage / 1 / rated value	19.2 ... 28.8 V
• consumed current / 1 / maximum	0.25 A
• type of electrical connection / 1 / for power supply	2-pole terminal block
• product component / 1 / fusing at power supply input	Yes

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
fastening method	
• 19-inch installation	Yes
• 35 mm top hat 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)
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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, Division 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 TIA 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

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