

SCALANCE XR124WG; Unmanaged IE switch; 19" rack; 24 x 10/100Mbit/s electrical ports; LED diagnostics; Power supply 240 V AC (85 – 264 V)



Product type designation	SCALANCE XR124
Transmission 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 / others	
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	AC
Supply voltage	

• external	240 V
• external / minimum	85 V
• external / maximum	264 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	4 A / 250 V
Consumed current / maximum	0.075 A
Power loss [W]	
• at AC / at 230 V	7.5 W

Permitted 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 weight

Design	19" rack
Width	482.6 mm
Height	43.6 mm
Depth	177 mm
Net weight	3.3 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 properties, functions, components / general

Cascading in cases of star topology	any (depending only on signal propagation time)
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Product functions / management, configuration

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 safety / from CSA and UL
- for emitted interference
- for interference immunity

UL 60950-1, CSA C22.2 No. 60950-1

EN 61000-6-4 (Class B)

EN 61000-6-2

Standards, specifications, approvals / CE

Certificate of suitability / CE marking

Yes

Standards, specifications, approvals / miscellaneous

Certificate of suitability

- C-Tick
- Railway application in accordance with EN 50155
- related to FCC
- FCC, Part 15, Section B, Class b
- KC approval

Yes

No

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Yes

Yes

Further Information / Internet Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>

<http://www.siemens.com/simatic-net>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

Security information

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