

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



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

<ul style="list-style-type: none"> <li>external</li> </ul>	240 V
<ul style="list-style-type: none"> <li>external / minimum</li> </ul>	85 V
<ul style="list-style-type: none"> <li>external / maximum</li> </ul>	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]	
<ul style="list-style-type: none"> <li>at AC / at 230 V</li> </ul>	7.5 W

#### Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	0 ... 60 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-40 ... +85 °C
Relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
Protection class IP	IP30

#### Design, dimensions and weights

Design	19" rack
Width	482.6 mm
Height	43.6 mm
Depth	177 mm
Net weight	3.3 kg
Mounting type	
<ul style="list-style-type: none"> <li>19-inch installation</li> </ul>	Yes
<ul style="list-style-type: none"> <li>35 mm DIN rail mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>wall mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>S7-300 rail mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>S7-1500 rail mounting</li> </ul>	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	
<ul style="list-style-type: none"> <li>multiport mirroring</li> </ul>	No
<ul style="list-style-type: none"> <li>CoS</li> </ul>	Yes
Product function / switch-managed	No

#### Product functions / redundancy

Product function	
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	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 / other

#### 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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Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.automation.siemens.com>. (V3.4)

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