

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 • during storage • during transport	0 ... 60 °C -40 ... +85 °C -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	
<ul style="list-style-type: none"> • 19-inch installation • 35 mm top hat DIN rail mounting • wall mounting • S7-300 rail mounting • S7-1500 rail mounting 	<p>Yes</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p>
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	
<ul style="list-style-type: none"> • multiport mirroring • CoS 	<p>No</p> <p>Yes</p>
product function / switch-managed	No
product functions / redundancy	
product function	
<ul style="list-style-type: none"> • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	<p>Yes</p> <p>No</p>
standards, specifications, approvals	
standard	
<ul style="list-style-type: none"> • for FM • for safety / from CSA and UL • for emitted interference • for interference immunity 	<p>FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4</p> <p>UL 60950-1, CSA C22.2 No. 60950-1, UL 61010-2-201</p> <p>EN 61000-6-4 (Class B)</p> <p>EN 61000-6-2</p>
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / hazardous environments	
standard / for hazardous zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
<ul style="list-style-type: none"> • from CSA and UL 	UL 61010-2-201
certificate of suitability	
<ul style="list-style-type: none"> • ATEX • IECEx • CCC / for hazardous zone according to GB standard 	<p>Yes; EN 60079-0, EN60079-15, Ex II 3 G Ex nA II T4 KEMA 07 ATEX 0145X</p> <p>Yes; IEC 60079-0, IEC 60079-15, IECEx DEK 14.0025X, Ex nA IIC T4 Gc</p> <p>Yes</p>
standards, specifications, approvals / other	
certificate of suitability	
<ul style="list-style-type: none"> • C-Tick • KC approval • railway application in accordance with EN 50155 • related to FCC • FCC, Part 15, Section B, Class b • EC Declaration of Conformity EN 61010, IEC 61010-1, UL 61010A-1 	<p>Yes</p> <p>Yes</p> <p>No</p> <p>T</p> <p>Yes</p> <p>Yes</p>
further information / internet-Links	
Internet-Link	
<ul style="list-style-type: none"> • to web page: selection aid TIA 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 	<p>http://www.siemens.com/tia-selection-tool</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>
security information	
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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