

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
• fuse protection type / 1 / at input for supply voltage	5 A / min. 60 V
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>
reference code	
<ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	<p>KF</p> <p>KFE</p>
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / hazardous environments	
standard / for hazardous zone	
<ul style="list-style-type: none"> • from CSA and UL 	<p>EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X</p> <p>UL 61010-2-201</p>
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	

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