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Data sheet 6GK5124-0BA00-2AR3

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	
product brand name	SCALANCE
product type designation	XR124
Technical Product Detail Page	https://i.siemens.com/1P6GK5124-0BA00-2AR3
transfer rate	
transfer rate	10, 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	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 / voltage range	19.2 ... 28.8
● 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	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-inch rack
width	482.6 mm
height	43.6 mm

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depth	127 mm
net weight	2.7 kg
fastening method	
● 19-inch installation	Yes
● 35 mm 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)
product functions / management, configuration, engineering	
product function	
● multiport mirroring	No
● CoS	Yes
● 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	
certificate of suitability	
● CE marking	Yes
● EC Declaration of Conformity EN 61010, IEC 61010-1, UL 61010A-1	Yes
● cULus approval	Yes
● KC approval	Yes
● Regulatory Compliance Mark (RCM)	Yes
standard	
● for EMC interference emission	EN 61000-6-4 (Class B)
● for immunity to EMC	EN 61000-6-2
● for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1, UL 61010-2-201
standards, specifications, approvals / hazardous environments	
certificate of suitability	
● ATEX	Yes
● UKEX	Yes
● IECEx	Yes
● ULhazloc approval	Yes
● CCC / for hazardous zone according to GB standard	Yes
● FM registration	Yes
standards, specifications, approvals / other	
certificate of suitability	
● railway application in accordance with EN 50155	No
● RoHS conformity	Yes
resistance to air pollution / conformity according to ANSI/ISA-71.04	Yes; G3
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
● total	274.03 kg
● during manufacturing	109.07 kg
● during operation	164.41 kg
● after end of life	0.55 kg
product functions / general	
warranty period	5 a
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358

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● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

Environmental Product Declaration

● global warming potential [CO2 eq] / during manufacturing	109.07 kg
● global warming potential [CO2 eq] / during operation	164.41 kg
● global warming potential [CO2 eq] / after end of life	0.55 kg
● global warming potential [CO2 eq] / total	274.03 kg

Environment | **General Product Approval**

EPD | CE EG-Konf. | Declaration of Conformity | EAC | UL | RCM

General Product Approval | **EMV** | **For use in hazardous locations**

CE EG-Konf. | China RoHS | UKCA | KC | IECEx | ATEX

For use in hazardous locations | **Test Certificates**

FM | CCC-Ex | Type Test Certificates/Test Report

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