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Data sheet 6GK5124-0BA00-3AR3

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

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	
● supply voltage / 1 / rated value	240 V
● power loss [W] / 1 / rated value	7.5 W
● supply voltage / 1 / rated value	85 ... 264 V
● consumed current / 1 / maximum	0.075 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	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" rack
width	482.6 mm
height	43.6 mm
depth	177 mm
net weight	3.3 kg
fastening method	

● 19-inch installation	Yes
● 35 mm top hat 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
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	UL 60950-1, CSA C22.2 No. 60950-1
● for emitted interference	EN 61000-6-4 (Class B)
● for interference immunity	EN 61000-6-2
reference code	
● according to IEC 81346-2	KF
● according to IEC 81346-2:2019	KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
certificate of suitability	
● C-Tick	Yes
● KC approval	Yes
● railway application in accordance with EN 50155	No
● related to FCC	T
● FCC, Part 15, Section B, Class b	Yes
further information / internet-Links	
Internet-Link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
● to website: Industrial communication	http://www.siemens.com/simatic-net
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://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 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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