SIEMENS

Data sheet

6GK5124-0BA00-2AB2

SCALANCE XB124 unmanaged IE switch, 24x 10/100 Mbit/s RJ45 ports; for setting up small star and line topologies; LED diagnostics, IP20, Redundant power supply, 24 V AC/DC Manual available as a download



Product type designation	SCALANCE XB124
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
Interfaces / other	
Number of electrical connections	
• for power supply	1
Supply voltage, current consumption, power loss	
Type of voltage / 1 / of the supply voltage	DC
 Supply voltage / 1 / Rated value 	24 V
 Power loss [W] / 1 / Rated value 	7.2 W
 Supply voltage / 1 / rated value 	19.2 28.8 V
Type of voltage / 2 / of the supply voltage	
 Supply voltage / 2 / rated value 	19.2 28.8 V
Ambient conditions	

Ambient temperature	
 during operation 	0 60 °C
• during storage	-40 +80 °C
 during transport 	-40 +80 °C
Relative humidity	
 at 25 °C / without condensation / during operation / maximum 	95 %
Protection class IP	IP20

Design, dimensions and weights	
Design	compact
Width	120 mm
Height	117 mm
Depth	109 mm
Net weight	0.535 kg
Mounting type	
 35 mm DIN rail mounting 	Yes
wall mounting	No
 S7-300 rail mounting 	No
S7-1500 rail mounting	No

Product functions / management, configuration, engineering	
Product function	
 multiport mirroring 	No
• CoS	Yes
PROFINET conformity class	A
Product function / switch-managed	No
Product functions / redundancy	

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 FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
 for hazardous zone 	EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X
 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	61000-6-2
MTBF	57 у

Standards, specifications, approvals / CE	
Certificate of suitability / CE marking	Yes
Standards, specifications, approvals / hazardous e	environments
Certificate of suitability	
• IECEx	Yes; IEC 60079-0, IEC 60079-15, IECEx DEK 14.0025X, Ex nA IIC T4 Gc
Standards, specifications, approvals / other	
Certificate of suitability	EN 61000-6-2, EN 61000-6-4
 Regulatory Compliance Mark (RCM) 	Yes
 KC approval 	Yes
Further information / Internet-Links	
Internet-Link	
 to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
 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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