SIEMENS

Data sheet

6GK5112-0BA00-2AB2



SCALANCE XB112 unmanaged IE switch, 12x 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 XB112
transfer rate	SCALANCE ADTIZ
transfer rate	10 Mbit/c 100 Mbit/c
	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
 for network components or terminal equipment 	12; RJ45
interfaces / other	
number of electrical connections	
for power supply	1
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage / 1 / of the supply voltage	DC
 supply voltage / 1 / rated value 	24 V
 power loss [W] / 1 / rated value 	4.8 W
 supply voltage / 1 / rated value 	19.2 28.8 V
 consumed current / 1 / maximum 	0.2 A
 product component / 1 / fusing at power supply input 	Yes
 fuse protection type / 1 / at input for supply voltage 	0.6 A / 60 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	80 mm
height	117 mm
depth	109 mm
net weight	0.345 kg
fastening method	
 35 mm top hat DIN rail mounting 	Yes
wall mounting	No

iIC, • for safety / from CSA and UL UL • for emitted interference EN • for interference immunity 610 MTBF 83 y reference code 83 y • according to IEC 81346-2 KF • according to IEC 81346-2:2019 KFF standards, specifications, approvals / CE reference code certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments standard / for hazardous zone EN 07A certificate of suitability IECEx • IECEx Yes • CCC / for hazardous zone according to GB standard Yes standards, specifications, approvals / other Yes	s 13611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. , T4 60950-1, CSA C22.2 No. 60950-1 61000-6-4 (Class B) 000-6-2 y E S
product functions / management, configuration, engineering product function • multiport mirroring • CoS PROFINET conformity class product function / switch-managed product functions / redundancy product functions / redundancy product functions / redundancy product functions / redundancy product functions / redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant No Network Access (RNA) standards, specifications, approvals standard • for FM IIC, • for safety / from CSA and UL ult • for emitted interference • for interference immunity MTBF • according to IEC 81346-2	s s 3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. , T4 60950-1, CSA C22.2 No. 60950-1 61000-6-4 (Class B) 000-6-2 y E E 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA ATEX0145 X
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	61000-6-2, EN 61000-6-4
KC approval Pagulatany Compliance Mark (RCM)	
Regulatory Compliance Mark (RCM) Yes	S
further information / internet-Links	
Internet-Link	
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fund made in a pro- rec the to ta inte sec con http pro-	emens provides products and solutions with industrial security actions that support the secure operation of plants, solutions, achines, equipment and/or networks. They are important components a holistic industrial security concept. With this in mind, Siemens' aducts and solutions undergo continuous development. Siemens commends strongly that you regularly check for product updates. For e secure operation of Siemens products and solutions, it is necessary take suitable preventive action(e.g. cell protection concept) and egrate each component into a holistic, state-of-the-art industrial curity concept. Third-party products that may be in use should also be nsidered. For more information about industrial security, visit o://www.siemens.com/industrialsecurity. To stay informed about duct updates as they occur, sign up for a product-specific newsletter. r more information, visit http://support.automation.siemens.com.