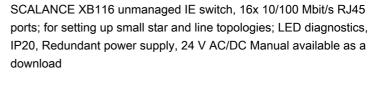
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Data sheet

6GK5116-0BA00-2AB2





Product type designation	SCALANCE XB116
Transmission rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces / for communication / integrated	
Number of electrical connections	
• for network components or terminal equipment	16; RJ45
Interfaces / others	
Number of electrical connections	
for power supply	1
for redundant voltage supply	1
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	AC/DC
Supply voltage	
• external	24 V
external / minimum	19.2 V
• external / maximum	28.8 V
• at AC	24 V

Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.6 A / 60 V
Consumed current / maximum	0.2 A
Power loss [W]	
• at DC / at 24 V	4.8 W
Permitted 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 	95 %
operation / maximum	
Protection class IP	IP20
Design, dimensions and weight	
Design	compact
Width	80 mm
Height	117 mm
Depth	109 mm
Net weight	0.375 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	
Product function	
 multiport mirroring 	No
• CoS	Yes
PROFINET conformity class	A
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 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

Standards, specifications, approvals / CE

Certificate of suitability / CE marking

Yes

Standards, specifications, approvals / hazardous environments

Certificate of suitability

• IECEx

Yes; IEC 60079-0, IEC 60079-15, IECEx DEK 14.0025X, Ex nA

IIC T4 Gc

Standards, specifications, approvals / miscellaneous

Certificate of suitability

EN 61000-6-2, EN 61000-6-4

• Regulatory Compliance Mark (RCM)

Yes

KC approval

Yes

Standards, specifications, approvals / product conformity

MTBF

80 y

Further Information / Internet Links

Internet-Link

• to website: Selector SIMATIC NET

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

http://www.siemens.com/snst

http://www.siemens.com/simatic-net

https://mall.industry.siemens.com

http://www.siemens.com/industry/infocenter

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

Security information

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10/30/2018