SIEMENS

Data sheet

6GK5116-0BA00-2AB2

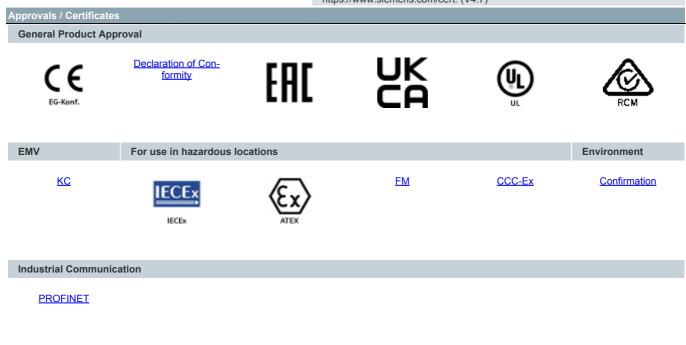


SCALANCE XB116 unmanaged IE switch, 16x 10/100 Mbit/s RJ45 ports; for setting up small star and line topologies; LED diagnostics, IP20, Redundant power supply, 24 V AC/DC Manual available as a download .

product type designation		
product brand name	SCALANCE	
product type designation	XB116	
transfer 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 / 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	AC	
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	0.375 kg	
fastening method		
 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
switch-managed	No
PROFINET conformity class	A
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
• cULus approval	Yes
KC approval	Yes
Regulatory Compliance Mark (RCM)	Yes
standard	
	EN 61000 6 4 (Class B)
for EMC interference emission	EN 61000-6-4 (Class B)
• for immunity to EMC	61000-6-2
• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
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	
RoHS conformity	Yes
resistance to air pollution / conformity according to ANSI/ISA- 71.04	Yes; G3
standards, specifications, approvals / Environmental Product De	eclaration
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	252.5 kg
 during manufacturing 	26.6 kg
during operation	225.28 kg
after end of life	0.6 kg
product functions / general	
MTBF	80 a
reference code	
according to IEC 81346-2	KF
according to IEC 81346-2:2019	KFE
Warranty period	5a
further information / internet links	
internet link	https://oupport.industry.giomena.com/act/usu/act/sign/400700050
to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
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

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