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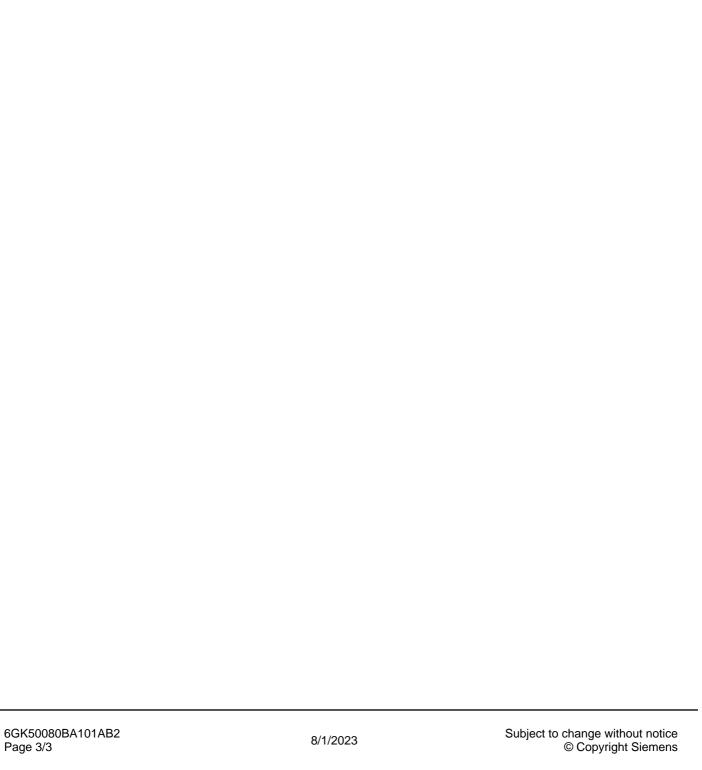
Data sheet



SCALANCE XB008 Unmanaged Industrial Ethernet Switch for 10/100 Mbit/s; for setting up small star and line topologies; LED diagnostics, IP20, 24 V AC/DC power supply, with 8x 10/100 Mbit/s twisted pair ports with RJ45 sockets; Manual available as a download .

product type designation	SCALANCE XB008	
transfer rate		
transfer rate	10 Mbit/s, 100 Mbit/s	
interfaces / for communication / maximum configuration for modular devices		
number of electrical ports / maximum	8	
interfaces / for communication / integrated		
number of electrical connections		
 for network components or terminal equipment 	8; RJ45	
number of 100 Mbit/s SC ports		
• for multimode	0	
interfaces / other		
number of electrical connections		
• for power supply	1	
type of electrical connection		
for power supply	3-pole terminal block	
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	2.88 W	
supply voltage / 1 / rated value	19.2 28.8 V	
consumed current / 1 / maximum	0.12 A	
 type of electrical connection / 1 / for power supply 	3-pole terminal block	
 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	-10 +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	Box	
width	45 mm	
height	100 mm	
depth	87 mm	

net weight	0.18 kg
fastening method	
 35 mm top hat DIN rail mounting 	Yes
wall mounting	Yes
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 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 safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
MTBF	214 a
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 / hazardous environments	
standard / for hazardous zone	EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X
certificate of suitability	
CCC / for hazardous zone according to GB standard	Yes
CCC / for hazardous zone according to GB standard / as marking	Ex nA IIC T4 Gc
standards, specifications, approvals / other	
certificate of suitability	EN 61000-6-2, EN 61000-6-4
• C-Tick	Yes
KC approval	Yes
further information / internet links	
internet link	
to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
to web page: selection and 177 defection roof to website: Industrial communication	http://www.siemens.com/simatic-net
to website: Industry Mall	https://mall.industry.siemens.com
to website: Industry Mail to website: Information and Download Center	http://www.siemens.com/industry/infocenter
to website: Image database	http://automation.siemens.com/bilddb
to website: Mage database to website: CAx-Download-Manager	http://www.siemens.com/cax
to website: CAX-Download-Manager to website: Industry Online Support	https://support.industry.siemens.com
security information	The state of the s
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