## 6GK5004-1GM10-1AB2

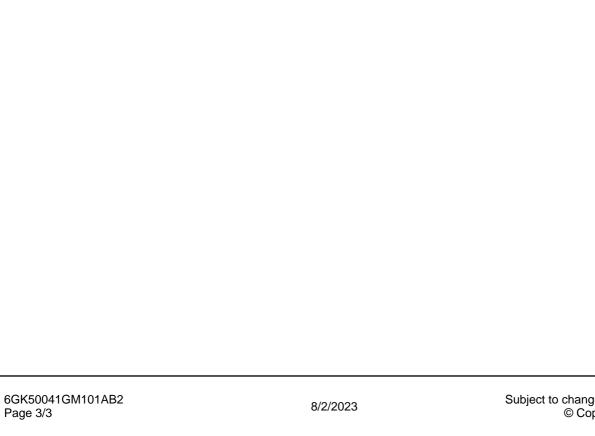
**Data sheet** 



SCALANCE XB004-1LDG unmanaged Industrial Ethernet Switch for 10/100/1000 Mbit/s; for setting up small star and line topologies; LED diagnostics, IP20, 24 V DC power supply, with 4x 10/100/1000 Mbit/s RJ45 Ports electrical and 1 x 1000 Mbit/s SC-port optical (single-mode, glass), up to max. 10 km Manual available as a download .

product type designation	SCALANCE XB004-1LDG
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
interfaces / for communication / maximum configuration for m	odular devices
number of electrical ports / maximum	4
number of optical ports / maximum	1
interfaces / for communication / integrated	
number of electrical connections	
<ul> <li>for network components or terminal equipment</li> </ul>	4; RJ45
number of 100 Mbit/s SC ports	
• for multimode	0
number of 1000 Mbit/s SC ports	
• for single mode (LD)	1
interfaces / other	
number of electrical connections	
• for power supply	1
type of electrical connection	
<ul><li>for power supply</li></ul>	3-pole terminal block
supply voltage, current consumption, power loss	
type of voltage / 1 / of the supply voltage	DC
<ul> <li>supply voltage / 1 / rated value</li> </ul>	24 V
<ul><li>power loss [W] / 1 / rated value</li></ul>	12.5 W
<ul> <li>supply voltage / 1 / rated value</li> </ul>	19.2 28.8 V
<ul> <li>consumed current / 1 / maximum</li> </ul>	0.52 A
<ul> <li>type of electrical connection / 1 / for power supply</li> </ul>	3-pole terminal block
<ul> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes
<ul> <li>fuse protection type / 1 / at input for supply voltage</li> </ul>	0.6 A / 60 V
ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-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	0.168 kg
fastening method	V
35 mm top hat DIN rail mounting	Yes
wall mounting     7.4500 self-researchings.	Yes
S7-1500 rail mounting  Product functions / management, configuration, anginessing.	No
product functions / management, configuration, engineering	
product function	No
<ul><li>multiport mirroring</li><li>CoS</li></ul>	Yes
PROFINET conformity class	A
product function / switch-managed	No
product functions / redundancy	INO
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	124 a
reference code	
<ul> <li>according to IEC 81346-2</li> </ul>	KF
<ul> <li>according to IEC 81346-2:2019</li> </ul>	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	
<ul> <li>CCC / for hazardous zone according to GB standard</li> </ul>	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
• ('-lick	V.
• C-Tick	Yes
KC approval	Yes Yes
KC approval further information / internet links	
KC approval  further information / internet links  internet link	Yes
KC approval  further information / internet links  internet link      to web page: selection aid TIA Selection Tool	Yes  http://www.siemens.com/tia-selection-tool
KC approval  further information / internet links  internet link      to web page: selection aid TIA Selection Tool     to website: Industrial communication	http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net
KC approval further information / internet links internet link     to web page: selection aid TIA Selection Tool     to website: Industrial communication     to website: Industry Mall	http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com
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