SIEMENS

Data sheet

6GK5004-1GM10-1AB2



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

transfer rate 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s Interfaces / for communication / integrated number of electrical connections • for network components or terminal equipment number of 1000 Mbit/s SC ports • for multimode 0 number of 1000 Mbit/s SC ports • for multimode 0 number of 1000 Mbit/s SC ports • for multimode 1 Interfaces / other number of electrical connections • for power supply 1 type of electrical connection • for power supply 1 type of voltage / 1 / of the supply voltage DC • upy voltage / 1 / rated value • opower loss [W] / 1 / rated value • upy voltage / 1 / rated value • opower loss [W] / 1 / rated value • upy voltage / 1 / rated value • upy voltage / 1 / rated value • upy to delectrical connection / 1 / for power supply • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / lusing at power supply input • type of electrical connection / 1 / for power supply • during torage • during torage • during torage • during torage<	product type designation	SCALANCE XB004-1LDG
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design, dimensions and weights design Box width 45 mm height 100 mm		95 %
design Box width 45 mm height 100 mm	protection class IP	IP20
width 45 mm height 100 mm	design, dimensions and weights	
height 100 mm	design	Box
	width	45 mm
depth 87 mm	height	100 mm
	depth	87 mm

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net weight	0.21 kg
fastening method	
 35 mm top hat DIN rail mounting 	Yes
 wall mounting 	Yes
 S7-1500 rail mounting 	No
product functions / management, configuration, engineeri	ing
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	124 у
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / hazardous environr	nents
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
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 website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
 to website: Image database 	http://automation.siemens.com/bilddb
 to website: CAx-Download-Manager 	http://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 security functions that support the secure operation of plants, solutions,
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