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Product data sheet 6GK5005-0BA00-1AA3

Product-type designation	SCALANCE X005
	SCALANCE X005, IE ENTRY LEVEL SWITCH UNMANAGED 5 X 10/100MBIT/S RJ45 PORTS, LED DIAGNOSTICS, IP30, 24 V DC POWER SUPPLY, PROFINET COMPLIANT SLEEVE, WITH MANUAL
Transmission rate	
Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 Mbit/s
Interfaces	
Number of electrical/optical connections / for network components or terminal equipment / maximum	5
Number of electrical connections	
• for network components and terminal equipment	5
• for power supply	1
Design of electrical connection	
• for network components and terminal equipment	RJ45 port
• for power supply	2-pole terminal block
Supply voltage, current consumption, power loss	
Type of voltage / of supply voltage	DC
Supply voltage / external	24 V
• minimum	18 V
• maximum	32 V
Product component / fusing at power supply input	Yes
Type of fusing / at input for supply voltage	0,5 A / 60 V
Consumed current / maximum	0.08 A

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Active power loss / at 24 V / for DC	2 W
Permitted ambient conditions	
Ambient temperature	
• during operating	0 … 65 °C
• during storage	-40 … +80 °C
• during transport	-40 … +80 °C
Relative humidity	
• at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Design	compact
Width	40 mm
Height	125 mm
Depth	124 mm
Net weight	0.55 kg
Type of mounting	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes
Standards, specifications, approvals	
Standard	
• for safety / of 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
Verification of suitability	EN 61000-6-2, EN 61000-6-4
• CE mark	Yes
• C-Tick	Yes
• KC approval	Yes
• E1 approval	No
• e1 approval	No
• Railway application in accordance with EN 50155	No
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (NK)	Yes
• Polski Rejestr Statkow (PRS)	No

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subject to modifications
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