



SCALANCE X005, IE Entry Level Switch unmanaged 5x 10/100 Mbit/s RJ45 ports, LED diagnostics, IP30, 24 V DC power supply, PROFINET-compliant securing collars, Extended temperature range -40 °C...+75 °C, Manual available as a download .

product type designation	SCALANCE X005
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / maximum configuration for modular devices	
number of electrical ports / maximum	5
interfaces / for communication / integrated	
number of electrical connections <ul style="list-style-type: none"> • for network components or terminal equipment 	5; RJ45 with securing collar
number of 100 Mbit/s SC ports <ul style="list-style-type: none"> • for multimode 	0
interfaces / other	
number of electrical connections <ul style="list-style-type: none"> • for power supply 	1
type of electrical connection <ul style="list-style-type: none"> • for power supply 	2-pole terminal block
supply voltage, current consumption, power loss	
type of voltage / 1 / of the supply voltage	DC
<ul style="list-style-type: none"> • supply voltage / 1 / rated value • power loss [W] / 1 / rated value • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input • fuse protection type / 1 / at input for supply voltage 	24 V 2 W 18 ... 32 V 0.08 A 2-pole terminal block Yes 0.5 A / 60 V
ambient conditions	
ambient temperature <ul style="list-style-type: none"> • during operation • during storage • during transport 	-40 ... +75 °C -40 ... +80 °C -40 ... +80 °C
relative humidity <ul style="list-style-type: none"> • at 25 °C / without condensation / during operation / maximum 	95 %
protection class IP	IP30
design, dimensions and weights	
design	compact
width	40 mm
height	125 mm
depth	124 mm
net weight	0.55 kg
fastening method	

<ul style="list-style-type: none"> • 35 mm top hat DIN rail mounting • wall mounting • S7-300 rail mounting • S7-1500 rail mounting 	Yes Yes Yes No
product functions / management, configuration, engineering	
product function	
<ul style="list-style-type: none"> • multiport mirroring • CoS 	No Yes
PROFINET conformity class	A
product function / switch-managed	No
product functions / redundancy	
product function	
<ul style="list-style-type: none"> • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	Yes No
standards, specifications, approvals	
standard	
<ul style="list-style-type: none"> • for safety / from CSA and UL • for emitted interference • for interference immunity 	UL 60950-1, CSA C22.2 No. 60950-1 EN 61000-6-4 (Class A) EN 61000-6-2
MTBF	167.1 a
reference code	
<ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	KF KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / hazardous environments	
certificate of suitability	
<ul style="list-style-type: none"> • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking 	Yes; GB3836.1, GB3836.8 Ex nA IIC T4 Gc
standards, specifications, approvals / other	
certificate of suitability	EN 61000-6-2, EN 61000-6-4
<ul style="list-style-type: none"> • C-Tick • KC approval • E1 approval • E1 approval • railway application in accordance with EN 50155 	Yes Yes No No No
standards, specifications, approvals / marine classification	
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) 	Yes Yes Yes Yes Yes Yes Yes
product functions / general	
Warranty period	5 a
further information / internet links	
internet link	
<ul style="list-style-type: none"> • to website: Image database • to website: Industry Online Support 	https://www.automation.siemens.com/bilddb 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, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise

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Approvals / Certificates

General Product Approval	EMV
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[Manufacturer Declaration](#)


EG-Konf.




UL


RCM

[KC](#)


For use in hazardous locations	Marine / Shipping
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IECEX


ATEX


[FM](#)


[CCC-Ex](#)


ABS


BUREAU
VERITAS


Marine / Shipping



DNV


LRS

[NK / Nippon Kaiji Kyokai](#)


PRS


RINA


KR
KOREAN REGISTER

other	Railway	Environment
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last modified:

2/9/2024 