



***** spare part ***** 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, Manual available as a download .

product type designation	SCALANCE X005
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections • for network components or terminal equipment	5; RJ45 with securing collar
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	2-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 W
• supply voltage / 1 / rated value	18 ... 32 V
• consumed current / 1 / maximum	0.08 A
• type of electrical connection / 1 / for power supply	2-pole terminal block
• product component / 1 / fusing at power supply input	Yes
• fuse protection type / 1 / at input for supply voltage	0.5 A / 60 V
ambient conditions	
ambient temperature • during operation • during storage • during transport	0 ... 65 °C -40 ... +80 °C -40 ... +80 °C
relative humidity • 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 • 35 mm top hat DIN rail mounting • wall mounting	Yes Yes

<ul style="list-style-type: none"> • S7-300 rail mounting • S7-1500 rail mounting 	<p>Yes</p> <p>No</p>
product functions / management, configuration, engineering	
<p>product function</p> <ul style="list-style-type: none"> • multiport mirroring • CoS 	<p>No</p> <p>Yes</p>
product function / switch-managed	No
product functions / redundancy	
<p>product function</p> <ul style="list-style-type: none"> • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	<p>Yes</p> <p>No</p>
standards, specifications, approvals	
<p>standard</p> <ul style="list-style-type: none"> • for safety / from CSA and UL • for emitted interference • for interference immunity 	<p>UL 60950-1, CSA C22.2 No. 60950-1</p> <p>EN 61000-6-4 (Class A)</p> <p>EN 61000-6-2</p>
MTBF	167.1 a
<p>reference code</p> <ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	<p>KF</p> <p>KFE</p>
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
<p>certificate of suitability</p> <ul style="list-style-type: none"> • C-Tick • KC approval • E1 approval • E1 approval • railway application in accordance with EN 50155 	<p>EN 61000-6-2, EN 61000-6-4</p> <p>Yes</p> <p>Yes</p> <p>No</p> <p>No</p> <p>No</p>
standards, specifications, approvals / marine classification	
<p>Marine classification association</p> <ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • DNV GL • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
further information / internet links	
<p>internet link</p> <ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support 	<p>https://sie.ag/2QdIxcP</p> <p>http://www.siemens.com/tia-selection-tool</p> <p>http://www.siemens.com/simatic-net</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>
security information	
security information	<p>Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)</p>
Approvals / Certificates	
General Product Approval	

[Manufacturer Declaration](#)



[Declaration of Conformity](#)



EMV Test Certificates Marine / Shipping

[KC](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping Environment

[NK / Nippon Kaiji Kyokai](#)



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