



***** spare part ***** SCALANCE X108PoE unmanaged IE switch, 2x 10/100 Mbps RJ45 Power over Ethernet ports and 6x 10/100 Mbps RJ45 ports, LED diagnostics, error signaling contact with set pushbutton, redundant power supply manual available as a download

product type designation	
product brand name	SCALANCE
product type designation	X108PoE
design of the product	2x 10/100 Mbit/s RJ45 PoE, 6x 10/100 Mbit/s RJ45
transfer rate	
transfer rate	10, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
• for network components or terminal equipment	6; RJ45 with securing collar
• for Power-over-Ethernet / for network components or terminal equipment	2
number of 100 Mbit/s SC ports	
• for multimode	0
interfaces / other	
number of electrical connections	
• for signaling contact	1
• for power supply	1
type of electrical connection	
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
operating voltage / of the signaling contacts	
• at DC / rated value	24 V
operational current / of the signaling contacts	
• at DC / maximum	0.1 A
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
supplied active power / of PSE / with PoE	
• per port / maximum	15.4 W
• total / maximum	30.8 W
type of voltage / 1 / of the supply voltage	DC
• supply voltage / 1 / rated value	24 V
• power loss [W] / 1 / rated value	10 W
• consumed current / 1 / maximum	1.7 A
• type of electrical connection / 1 / for power supply	4-pole terminal block
• product component / 1 / fusing at power supply input	Yes
• fuse protection type / 1 / at input for supply voltage	4 A / 125 V
ambient conditions	
ambient temperature	
• during operation	-20 ... +60 °C

- during storage - during transport - note	-40 ... +80 °C -40 ... +80 °C At 55 °C ambient temperature on both sides 40 mm distance to adjacent devices
relative humidity at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP30
design, dimensions and weights	
design	compact
width	60 mm
height	125 mm
depth	124 mm
net weight	0.55 kg
product feature / conformal coating	No
fastening method 35 mm DIN-rail mounting - wall mounting - S7-300 rail mounting - S7-1500 rail mounting	Yes Yes Yes No
product functions / management, configuration, engineering	
product function - multiport mirroring - CoS - switch-managed	No Yes No
product functions / redundancy	
product function - Parallel Redundancy Protocol (PRP)/operation in the PRP-network - Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	Yes No
standards, specifications, approvals	
certificate of suitability - CE marking - KC approval	Yes Yes
standard for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
standards, specifications, approvals / hazardous environments	
certificate of suitability CCC / for hazardous zone according to GB standard	Yes
standards, specifications, approvals / other	
certificate of suitability - E1 approval - railway application in accordance with EN 50155	No Yes
standards, specifications, approvals / marine classification	
Marine classification association - American Bureau of Shipping Europe Ltd. (ABS) - French marine classification society (BV) - Det Norske Veritas (DNV) - Lloyds Register of Shipping (LRS) - Nippon Kaiji Kyokai (NK) - Polski Rejestr Statkow (PRS) - Royal Institution of Naval Architects (RINA)	Yes Yes No Yes Yes Yes Yes
product functions / general	
MTBF	61.64 a
further information / internet links	
internet link - to website: Selection guide for cables and connectors - to web page: selection aid TIA Selection Tool - to website: Industrial communication	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net

- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<https://www.automation.siemens.com/bilddb>
<https://www.siemens.com/cax>
<https://support.industry.siemens.com>

security information

security information

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General Product Approval



EG-Konf.

[Declaration of Conformity](#)



CCC



[China RoHS](#)

[Manufacturer Declaration](#)

General Product Approval

EMV



UL

[Miscellaneous](#)



RCM



EG-Konf.



For use in hazardous locations

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ABS

Maritime application



BUREAU
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PRS



RINA

Railway

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