



SCALANCE XCM108PoE (6x100/1000 Mbps RJ45, PoE, 2x 1000/10000 Mbps SFP) unmanaged IE switch up to 120 W PoE power on 6 ports, LED diagnostics, error-signaling contact with set pushbutton, redundant power supply manual available as a download .

product type designation	
product brand name	SCALANCE
transfer rate	
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	6; RJ45
number of 10/100/1000 Mbit/s RJ45 ports	
• with securing collar	6 PoE ports according to IEEE802.3at (30 W)
• with securing collar / with PoE	6
number of electrical connections	
• for SFP	2
interfaces / for communication / plug-in	
number of electrical connections	
• for SFP+	2; SFPs possible with 1000 Mbps or 10,000 Mbps;
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
type of voltage / 1 / of the supply voltage	DC
• supply voltage / 1 / rated value	24 V
• power loss [W] / 1 / rated value	12 W
• supply voltage / 1 / rated value	19.2 ... 55 V
• consumed current / 1 / maximum	7.5 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	2.5 A / 125 V
type of voltage / 2 / of the supply voltage	DC
• supply voltage / 2 / rated value	54 V
• power loss [W] / 2 / rated value	10 W
• supply voltage / 2 / rated value	19.2 ... 55 V

<ul style="list-style-type: none"> consumed current / 2 / maximum 	2.5 A
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation 	-40 ... +60 °C
<ul style="list-style-type: none"> during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> during transport 	-40 ... +85 °C
relative humidity	
<ul style="list-style-type: none"> at 25 °C / without condensation / during operation / maximum 	95 %
protection class IP	IP20
design, dimensions and weights	
design	compact
width	80 mm
height	147 mm
depth	125 mm
net weight	0.87 kg
material / of the enclosure	Polycarbonate (PC-GF10)
fastening method	
<ul style="list-style-type: none"> 35 mm top hat DIN rail mounting 	Yes
<ul style="list-style-type: none"> wall mounting 	Yes
<ul style="list-style-type: none"> S7-300 rail mounting 	Yes
<ul style="list-style-type: none"> S7-1500 rail mounting 	Yes
product features, product functions, product components / general	
number of automatically learnable MAC addresses	2048
product functions / management, configuration, engineering	
product function	
<ul style="list-style-type: none"> multiport mirroring 	No
<ul style="list-style-type: none"> CoS 	Yes
<ul style="list-style-type: none"> switch-managed 	No
PROFINET conformity class	A
product functions / redundancy	
product function	
<ul style="list-style-type: none"> Parallel Redundancy Protocol (PRP)/operation in the PRP-network 	Yes
<ul style="list-style-type: none"> Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	No
standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> CE marking 	Yes
<ul style="list-style-type: none"> UKCA marking 	Yes
<ul style="list-style-type: none"> Regulatory Compliance Mark (RCM) 	Yes
standards, specifications, approvals / marine classification	
Marine classification association	
<ul style="list-style-type: none"> American Bureau of Shipping Europe Ltd. (ABS) 	Yes
<ul style="list-style-type: none"> French marine classification society (BV) 	Yes
<ul style="list-style-type: none"> Chinese Classification Society (CCS) 	Yes
<ul style="list-style-type: none"> DNV GL 	Yes
<ul style="list-style-type: none"> Korean Register of Shipping (KRS) 	Yes
<ul style="list-style-type: none"> Lloyds Register of Shipping (LRS) 	Yes
<ul style="list-style-type: none"> Nippon Kaiji Kyokai (NK) 	Yes
<ul style="list-style-type: none"> Polski Rejestr Statkow (PRS) 	Yes
<ul style="list-style-type: none"> Royal Institution of Naval Architects (RINA) 	Yes
product functions / general	
laser protection class	LED Class 1
reference code	
<ul style="list-style-type: none"> according to IEC 81346-2 	KF
<ul style="list-style-type: none"> according to IEC 81346-2:2019 	KFE
Warranty period	5 a
further information / internet links	
internet link	
<ul style="list-style-type: none"> to website: Selection guide for cables and connectors 	https://support.industry.siemens.com/cs/ww/en/view/109766358

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

- <https://www.siemens.com/tstcloud>
- <https://www.siemens.com/simatic-net>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval

Marine / Shipping



EG-Konf.

[Declaration of Conformity](#)



[Miscellaneous](#)



RCM



ABS

Marine / Shipping



BUREAU
VERITAS



DNV



LRS

[NK / Nippon Kaiji Kyokai](#)



PRS



RINA

Marine / Shipping

Industrial Communication

[CCS \(China Classification Society\)](#)



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