



SCALANCE XCM108PoE (8x100 Mbit/s RJ45, PoE) unmanaged IE Switch up to 120 W PoE power on 8 ports, LED diagnostics, error-signaling contact with set pushbutton, redundant power supply manual available as a download .

product type designation	SCALANCE
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / maximum configuration for modular devices	
number of electrical ports / maximum	8
number of electrical ports / with PoE / maximum	8
interfaces / for communication / integrated	
number of electrical connections	8; RJ45
for network components or terminal equipment	
number of 10/100/1000 Mbit/s RJ45 ports / integrated	8 PoE ports according to IEEE802.3at (30 W)
with securing collar	8
with securing collar / with PoE	
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
signal inputs/outputs	
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
consumed current / 2 / maximum	2.5 A

ambient conditions	
ambient temperature	
• during operation	-40 ... +60 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
relative humidity	
• 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	
• 35 mm top hat DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes
• 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	
• multiport mirroring	No
• CoS	Yes
product function / switch-managed	No
product functions / redundancy	
product function	
• Parallel Redundancy Protocol (PRP)/operation in the PRP-network	Yes
• Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	No
standards, specifications, approvals	
reference code	
• according to IEC 81346-2	KF
• according to IEC 81346-2:2019	KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
certificate of suitability	
• E1 approval	Yes
further information / internet-Links	
Internet-Link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	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, 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)

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