

SCALANCE XR108-2PoE WG; unmanaged IE Switch; 19" rack; 8 x 1GE electrical PoE ports; 2 x SFP 10GE port; LED diagnostics power supply 240 V AC (85 – 264 V).



product type designation	
product brand name	SCALANCE
product type designation	XR108-2PoE WG
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s
interfaces / for communication / integrated	
number of electrical connections	
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	8; RJ45
<ul style="list-style-type: none"> <li>for Power-over-Ethernet / for network components or terminal equipment</li> </ul>	8
number of 10/100/1000 Mbit/s RJ45 ports	
<ul style="list-style-type: none"> <li>with PoE</li> </ul>	8
number of electrical connections	
<ul style="list-style-type: none"> <li>for SFP+</li> </ul>	2
interfaces / other	
number of electrical connections	
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	1
type of electrical connection	
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	IEC plug C14
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage supply / redundant power supply unit	No
supplied active power / of PSE / with PoE	
<ul style="list-style-type: none"> <li>per port / maximum</li> </ul>	60 W
<ul style="list-style-type: none"> <li>total / maximum</li> </ul>	200 W
<b>type of voltage / 1 / of the supply voltage</b>	AC
<ul style="list-style-type: none"> <li>supply voltage / 1 / rated value</li> </ul>	240 V
<ul style="list-style-type: none"> <li>supply voltage / 1 / rated value</li> </ul>	85 ... 264 V
<ul style="list-style-type: none"> <li>consumed current / 1 / maximum</li> </ul>	4 A
<ul style="list-style-type: none"> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes
<ul style="list-style-type: none"> <li>fuse protection type / 1 / at input for supply voltage</li> </ul>	4 A / 250 V
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	0 ... 60 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-40 ... +85 °C
relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
protection class IP	IP30

design, dimensions and weights	
design	19-inch rack
number of modular height units / relating to 19-inch cabinet	1
width	482.6 mm
height	43.6 mm
depth	133 mm
net weight	2.9 kg
material / of the enclosure	metal
fastening method	
• 19-inch installation	Yes
• 35 mm DIN-rail mounting	No
• wall mounting	No
• S7-300 rail mounting	No
• S7-1500 rail mounting	No
product features, product functions, product components / general	
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
product function	
• multiport mirroring	No
• CoS	Yes
• switch-managed	No
PROFINET conformity class	A
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	
certificate of suitability	
• CE marking	Yes
• KC approval	Yes
• Regulatory Compliance Mark (RCM)	Yes
standard	
• for EMC interference emission	EN 61000-6-4
• for immunity to EMC	EN 61000-6-2
• for safety / from CSA and UL	UL 62368-1, CSA C22.2 No. 62368-1
standards, specifications, approvals / other	
certificate of suitability	
• railway application in accordance with EN 50155	No
resistance to air pollution / conformity according to ANSI/ISA-71.04	Yes; G3
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	595.15 kg
• during manufacturing	62.11 kg
• during operation	532.64 kg
• after end of life	0.4 kg
product functions / general	
MTBF	47 a
reference code	
• according to IEC 81346-2	KF
• according to IEC 81346-2:2019	KFE
Warranty period	5 a
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
• to website: Industrial communication	<a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>

- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

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

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### Approvals / Certificates

General Product Approval

Test Certificates



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### Environment



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