

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
Technical Product Detail Page	<a href="https://i.siemens.com/1P6GK5108-2QS00-3AR3">https://i.siemens.com/1P6GK5108-2QS00-3AR3</a>
transfer rate	
transfer rate	10, 100, 1000 Mbit/s
transfer rate	10 Gbit/s
interfaces / for communication / integrated	
number of electrical connections	
• for network components or terminal equipment	8; RJ45
• for Power-over-Ethernet / for network components or terminal equipment	8
number of 10/100/1000 Mbit/s RJ45 ports	
• with PoE	8
number of electrical connections	
• for SFP+	2
interfaces / other	
number of electrical connections	
• for power supply	1
type of electrical connection	
• for power supply	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	
• per port / maximum	60 W
• total / maximum	200 W
type of voltage / 1 / of the supply voltage	
• supply voltage / 1 / rated value	240 V
• supply voltage / 1 / voltage range	85 ... 264
• consumed current / 1 / maximum	4 A
• product component / 1 / fusing at power supply input	Yes
ambient conditions	
ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
relative humidity	
• at 25 °C / without condensation / during operation /	95 %

maximum protection class IP	IP30
<b>design, dimensions and weights</b>	
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
<b>product features, product functions, product components / general</b>	
cascading in cases of star topology	any (depending only on signal propagation time)
<b>product functions / management, configuration, engineering</b>	
product function	
• multiport mirroring	No
• CoS	Yes
• switch-managed	No
PROFINET conformity class	A
<b>product functions / redundancy</b>	
product function	
• Parallel Redundancy Protocol (PRP)/operation in the PRP-network	Yes
• Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	No
<b>standards, specifications, approvals</b>	
certificate of suitability	
• CE marking	Yes
• UKCA 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
<b>standards, specifications, approvals / other</b>	
certificate of suitability	
• railway application in accordance with EN 50155	No
• RoHS conformity	Yes
resistance to air pollution / conformity according to ANSI/ISA-71.04	Yes; G3
<b>standards, specifications, approvals / Environmental Product Declaration</b>	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	546.668 kg
• during manufacturing	80 kg
• during operation	465 kg
• after end of life	0.418 kg
<b>product functions / general</b>	
MTBF	47 a
warranty period	5 a
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
<b>further information / internet links</b>	
internet link	

- to website: Selection guide for cables and connectors
- 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://support.industry.siemens.com/cs/ww/en/view/109766358>  
<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>

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### security information

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## Approvals / Certificates

### General Product Approval



[China RoHS](#)

[Miscellaneous](#)



### Test Certificates

### Environment

[Type Test Certificates/Test Report](#)



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