

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	https://i.siemens.com/1P6GK5108-2QS00-3AR3
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	AC
• 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
• fuse protection type / 1 / at input for supply voltage	4 A / 250 V
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 / maximum	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
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
standards, specifications, approvals / other	
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
standards, specifications, approvals / Environmental Product Declaration	
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
product functions / general	
MTBF	47 a
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
- 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>

security information

security information

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Approvals / Certificates

Environmental Product Declaration

• global warming potential [CO2 eq] / during manufacturing	80 kg
• global warming potential [CO2 eq] / during sales	1.25 kg
• global warming potential [CO2 eq] / during operation	465 kg
• global warming potential [CO2 eq] / after end of life	0.418 kg
• global warming potential [CO2 eq] / total	546.668 kg

Environment

General Product Approval



[Miscellaneous](#)



General Product Approval

Test Certificates

[China RoHS](#)

[Type Test Certificates/Test Report](#)

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