

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)



<b>product type designation</b>	<b>SCALANCE XR108-2PoE WG</b>
<b>transfer rate</b>	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s
<b>interfaces / for communication / integrated</b>	
number of electrical connections	8; RJ45
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> <li>for Power-over-Ethernet / for network components or terminal equipment</li> </ul>	8
number of optical interfaces / for network components or terminal equipment	2
number of 10/100/1000 Mbit/s RJ45 ports / integrated	8
<ul style="list-style-type: none"> <li>with PoE</li> </ul>	
number of electrical connections	2
<ul style="list-style-type: none"> <li>for SFP+</li> </ul>	
<b>interfaces / other</b>	
number of electrical connections	1
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	
type of electrical connection	IEC plug C14
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	
<b>supply voltage, current consumption, power loss</b>	
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> <li>total / maximum</li> </ul>	60 W 200 W
<b>type of voltage / 1 / of the supply voltage</b>	
<ul style="list-style-type: none"> <li>supply voltage / 1 / rated value</li> <li>supply voltage / 1 / rated value</li> <li>consumed current / 1 / maximum</li> <li>product component / 1 / fusing at power supply input</li> </ul>	240 V 85 ... 264 V 4 A Yes
<b>ambient conditions</b>	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	0 ... 60 °C -40 ... +85 °C -40 ... +85 °C
relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation /</li> </ul>	95 %

maximum	
protection class IP	IP30
<b>design, dimensions and weights</b>	
design	19" 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 top hat 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
product function / switch-managed	No
<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>	
standard	
• for safety / from CSA and UL	UL 62368-1, CSA C22.2 No. 62368-1
• for emitted interference	EN 61000-6-4
• for interference immunity	EN 61000-6-2
MTBF	47 y
<b>standards, specifications, approvals / CE</b>	
certificate of suitability / CE marking	Yes
<b>standards, specifications, approvals / other</b>	
certificate of suitability	
• C-Tick	Yes
• KC approval	Yes
• railway application in accordance with EN 50155	No
• EAC approval	Yes
<b>further information / internet-Links</b>	
Internet-Link	
• to web page: selection aid TIA Selection Tool	<a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>security information</b>	
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

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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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