

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		SCALANCE 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		
for network components or terminal equipment		8; RJ45
for Power-over-Ethernet / for network components or terminal equipment		8
number of optical interfaces / for network components or terminal equipment		2
number of 10/100/1000 Mbit/s RJ45 ports / integrated		
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 / rated value		85 ... 264 V
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 / maximum		95 %
protection class IP		IP30

design, dimensions and weights	
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
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	
• multipoint 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	
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
reference code	
• acc. 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	
• C-Tick	Yes
• KC approval	Yes
• railway application in accordance with EN 50155	No
• EAC 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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