



SCALANCE XF208, flat, Managed IE switch, 8x 10/100 Mbit/s RJ45 ports, Error signaling contact with set pushbutton, Redundant power supply, PROFINET IO device, network management, Redundancy Manager integrated, incl. electron. manual on CD-ROM, C-plug optional.

product type designation	
product brand name	SCALANCE
product type designation	XF208
Technical Product Detail Page	<a href="https://i.siemens.com/1P6GK5208-0BA00-2AF2">https://i.siemens.com/1P6GK5208-0BA00-2AF2</a>
transfer rate	
transfer rate	10, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	8
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	
interfaces / other	
number of electrical connections	1
<ul style="list-style-type: none"> <li>for signaling contact</li> <li>for power supply</li> </ul>	1
design of the removable storage	Yes
<ul style="list-style-type: none"> <li>C-PLUG</li> </ul>	
operating voltage / of the signaling contacts	24 V
<ul style="list-style-type: none"> <li>at DC / rated value</li> </ul>	
operational current / of the signaling contacts	0.1 A
<ul style="list-style-type: none"> <li>at DC / maximum</li> </ul>	
supply voltage, current consumption, power loss	
<b>type of voltage / 1 / of the supply voltage</b>	
<ul style="list-style-type: none"> <li>supply voltage / 1 / rated value</li> <li>power loss [W] / 1 / rated value</li> <li>supply voltage / 1 / voltage range</li> <li>consumed current / 1 / maximum</li> <li>product component / 1 / fusing at power supply input</li> </ul>	24 V 3.12 W 18 ... 32 0.13 A Yes
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>note</li> </ul>	-40 ... +60 °C -40 ... +70 °C -40 ... +70 °C If the IE-Switch XF-200 is installed horizontally, a maximum ambient temperature of +40 °C is permitted
relative humidity	95 %
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	
protection class IP	IP20
design, dimensions and weights	
design	flat

width	75 mm
height	125 mm
depth	73 mm
net weight	0.25 kg
fastening method	
• 35 mm DIN-rail mounting	Yes
• wall mounting	No
• S7-300 rail mounting	No
• S7-1500 rail mounting	No
<b>product features, product functions, product components / general</b>	
cascading in the case of a redundant ring / at reconfiguration time of <math>\leq 0.3\text{ s}</math>	100
cascading in cases of star topology	any (depending only on signal propagation time)
<b>product functions / management, configuration, engineering</b>	
product function	
• CLI	Yes
• web-based management	Yes
• MIB support	Yes
• TRAPs via email	Yes
• configuration with STEP 7	Yes
• port mirroring	Yes
• multiport mirroring	No
• with IRT / PROFINET IO switch	No
• PROFINET IO diagnosis	Yes
• switch-managed	Yes
PROFINET conformity class	B
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• DCP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
identification & maintenance function	
• I&M0 - device-specific information	Yes
• I&M1 - higher level designation/location designation	Yes
<b>product functions / diagnostics</b>	
product function	
• port diagnostics	Yes
• statistics Packet Size	Yes
• statistics packet type	Yes
• error statistics	Yes
<b>product functions / DHCP</b>	
product function	
• DHCP client	Yes
<b>product functions / redundancy</b>	
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
• media redundancy protocol (MRP) with redundancy manager	Yes
• ring redundancy	Yes
• high speed redundancy protocol (HRP) with redundancy manager	Yes
• high speed redundancy protocol (HRP) with standby redundancy	No

<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No
<ul style="list-style-type: none"> <li>passive listening</li> </ul>	Yes
<b>product functions / security</b>	
protocol / is supported	
<ul style="list-style-type: none"> <li>SSH</li> </ul>	Yes
<b>product functions / time</b>	
product function	
<ul style="list-style-type: none"> <li>SICLOCK support</li> </ul>	Yes
protocol / is supported	
<ul style="list-style-type: none"> <li>NTP</li> <li>SNTP</li> </ul>	No Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	
<ul style="list-style-type: none"> <li>CE marking</li> <li>cULus approval</li> <li>KC approval</li> <li>Regulatory Compliance Mark (RCM)</li> </ul>	Yes Yes Yes Yes
standard	
<ul style="list-style-type: none"> <li>for EMC interference emission</li> <li>for immunity to EMC</li> <li>for safety / from CSA and UL</li> </ul>	EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 UL 60950-1 E115352, CSA C22.2 No. 60950-1
<b>standards, specifications, approvals / hazardous environments</b>	
certificate of suitability	
<ul style="list-style-type: none"> <li>ATEX</li> <li>UKEX</li> <li>IECEX</li> <li>ULhazloc approval</li> <li>CCC / for hazardous zone according to GB standard</li> <li>FM registration</li> </ul>	Yes Yes Yes Yes Yes Yes
<b>standards, specifications, approvals / other</b>	
certificate of suitability	
<ul style="list-style-type: none"> <li>railway application in accordance with EN 50155</li> <li>railway application in accordance with EN 50124-1</li> <li>RoHS conformity</li> </ul>	No No Yes
<b>standards, specifications, approvals / marine classification</b>	
Marine classification association	
<ul style="list-style-type: none"> <li>Royal Institution of Naval Architects (RINA)</li> </ul>	Yes
<b>standards, specifications, approvals / Environmental Product Declaration</b>	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
<ul style="list-style-type: none"> <li>total</li> <li>during manufacturing</li> <li>during operation</li> <li>after end of life</li> </ul>	115.41 kg 16.65 kg 98.31 kg 0.45 kg
<b>product functions / general</b>	
MTBF	54.8 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	
<ul style="list-style-type: none"> <li>to website: Selection guide for cables and connectors</li> <li>to web page: selection aid TIA Selection Tool</li> <li>to website: Industrial communication</li> <li>to web page: SiePortal</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a> <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>

security information

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Approvals / Certificates

General Product Approval



EG-Konf.

[Declaration of Conformity](#)



CCC



[China RoHS](#)



UL

General Product Approval

EMV

For use in hazardous locations

[Miscellaneous](#)



RCM

[KC](#)



ATEX



IECEx

[EM](#)

For use in hazardous locations

Maritime application

[CCC-Ex](#)



ABS



BUREAU VERITAS



DNV



LRS

[NK / Nippon Kaiji Kyokai](#)

Maritime application

Environment

Industrial Communication



PRS



RINA



EPD

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