



SCALANCE XF204, flat, Managed IE switch, 4x 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	XF204
Technical Product Detail Page	https://i.siemens.com/1P6GK5204-0BA00-2AF2
transfer rate	
transfer rate	10, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
• for network components or terminal equipment	4
interfaces / other	
number of electrical connections	
• for signaling contact	1
• for power supply	1
type of electrical connection	
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
operating voltage / of the signaling contacts	
• at DC / rated value	24 V
operational current / of the signaling contacts	
• at DC / maximum	0.1 A
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage / 1 / of the supply voltage	DC
• supply voltage / 1 / rated value	24 V
• power loss [W] / 1 / rated value	2.64 W
• supply voltage / 1 / voltage range	18 ... 32
• consumed current / 1 / maximum	0.11 A
• type of electrical connection / 1 / for power supply	4-pole terminal block
• product component / 1 / fusing at power supply input	Yes
• fuse protection type / 1 / at input for supply voltage	1,1 A / 33 V
ambient conditions	
ambient temperature	
• during operation	-40 ... +60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
• note	If the IE-Switch XF-200 is installed horizontally, a maximum ambient temperature of +40 °C is permitted

relative humidity	
at 25 °C / without condensation / during operation / maximum	95 %
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
product features, product functions, product components / general	
cascading in the case of a redundant ring / at reconfiguration time of <1~0.31~s	50
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
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
product functions / diagnostics	
product function	
port diagnostics	Yes
statistics Packet Size	Yes
statistics packet type	Yes
error statistics	Yes
product functions / DHCP	
product function	
DHCP client	Yes
product functions / redundancy	
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
Parallel Redundancy Protocol (PRP)/operation in the PRP-network	Yes
Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	No
passive listening	Yes
product functions / security	
protocol / is supported	
SSH	Yes
product functions / time	
product function	
SICLOCK support	Yes
protocol / is supported	
NTP	No
SNTP	Yes
standards, specifications, approvals	
certificate of suitability	
CE marking	Yes
cULus approval	Yes
KC approval	Yes
Regulatory Compliance Mark (RCM)	Yes
standard	
for EMC interference emission	EN 61000-6-4:2001 (Class A)
for immunity to EMC	EN 61000-6-4:2001
for safety / from CSA and UL	UL 60950-1 E115352, CSA C22.2 No. 60950-1
standards, specifications, approvals / hazardous environments	
certificate of suitability	
ATEX	Yes
UKEX	Yes
IECEx	Yes
ULhazloc approval	Yes
CCC / for hazardous zone according to GB standard	Yes
FM registration	Yes
standards, specifications, approvals / other	
certificate of suitability	
railway application in accordance with EN 50155	No
railway application in accordance with EN 50124-1	No
RoHS conformity	Yes
standards, specifications, approvals / marine classification	
Marine classification association	
Polski Rejestr Statkow (PRS)	Yes
Royal Institution of Naval Architects (RINA)	Yes
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
total	100.09 kg
during manufacturing	16.65 kg
during operation	82.99 kg
after end of life	0.45 kg
product functions / general	
MTBF	48.03 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
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security information

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)
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Approvals / Certificates

Environmental Product Declaration		
• global warming potential [CO2 eq] / during manufacturing	16.65 kg	
• global warming potential [CO2 eq] / during operation	82.99 kg	
• global warming potential [CO2 eq] / after end of life	0.45 kg	
• global warming potential [CO2 eq] / total	100.09 kg	
Environment	General Product Approval	



[Declaration of Conformity](#)



[China RoHS](#)

General Product Approval



[Miscellaneous](#)



[China RoHS](#)

EMV	For use in hazardous locations	Maritime application
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[FM](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Industrial Communication

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