



SCALANCE XF204 managed two BusAdapters BA 2xRJ45 HA IEC 62443-4-2 certified; IE switch, 4 x 10/100 Mbps, 2 x BusAdapter interface, error signaling contact, set pushbutton, redundant 24 V DC power supply, PROFINET device, extended temperature range -40 °C...+70 °C, conformal coating, with electronic manual on DVD, C-PLUG optional, delivery with BusAdapter. 6DL1193-6AR00-0AA0

product type designation	
product brand name	SCALANCE
product type designation	XF204
Technical Product Detail Page	https://i.siemens.com/1P6GK5204-0BA00-2GF2
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	2-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	8.6 W
• supply voltage / 1 / voltage range	19.2 ... 28.8
• consumed current / 1 / maximum	0.36 A
• type of electrical connection / 1 / for power supply	2-pole terminal block
• product component / 1 / fusing at power supply input	Yes
• fuse protection type / 1 / at input for supply voltage	2.5 A (cannot be replaced by user)
ambient conditions	
ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
relative humidity	
• at 25 °C / without condensation / during operation /	95 %

maximum	
protection class IP	IP20
design, dimensions and weights	
design	compact
width	100 mm
height	117 mm
depth	74 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	Yes
• PROFINET IO diagnosis	Yes
• switch-managed	Yes
PROFINET conformity class	B
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	No
• BOOTP	Yes
• 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
• Media Redundancy Protocol Interconnection (MRP-I)	Yes; LC mode

- Media Redundancy Protocol for Planned Duplication (MRPD) - of the PROFINET IO device / is supported / H-Sync forwarding - of the PROFINET IO device / is supported / PROFINET system redundancy - ring redundancy - high speed redundancy protocol (HRP) with redundancy manager - high speed redundancy protocol (HRP) with standby redundancy - redundancy procedure RSTP+ - Parallel Redundancy Protocol (PRP)/operation in the PRP-network - Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) - passive listening	No Yes Yes Yes Yes Yes No No Yes
product functions / security	
protocol / is supported	
SSH	Yes
product functions / time	
product function	
SICLOCK support	No
protocol / is supported	
- NTP - SNTP	No Yes
standards, specifications, approvals	
certificate of suitability	
- CE marking - KC approval	Yes Yes
standard	
- for EMC interference emission - for immunity to EMC - for safety / from CSA and UL	EN 61000-6-4:2001 (Class A) EN 61000-6-2, EN 61000-6-4 UL 61010-2-201
standards, specifications, approvals / other	
certificate of suitability	
railway application in accordance with EN 50124-1	No
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
product functions / general	
warranty period	5 a
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	
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Approvals / Certificates

General Product Approval



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formity](#)

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