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Data sheet 6GK5204-0BA00-2YF2



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

product type designation	**SCALANCE XF204-2DNA**
product options	XF-200 basic device with mounted BusAdapter
transfer rate	
transfer rate	10 Mbit/s, 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
signal inputs/outputs	

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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	
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 / rated value	19.2 ... 28.8 V
• 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

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 / maximum	95 %
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 top hat 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 <\~0.3\~s	50
cascading in cases of star topology	any (depending only on signal propagation time)

product functions / management, configuration, engineering	
product function	
• CLI	Yes

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• 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
PROFINET conformity class	B
product function / switch-managed	Yes
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	No
• 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	
product function	
• of the PROFINET IO device / is supported / PROFINET system redundancy	Yes
• ring redundancy	Yes
• High Speed Redundancy Protocol (HRP)	Yes

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• high speed redundancy protocol (HRP) with redundancy manager	Yes
• high speed redundancy protocol (HRP) with standby redundancy	Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
• media redundancy protocol (MRP) with redundancy manager	Yes
• Media Redundancy Protocol for Planned Duplication (MRPD)	No
• of the PROFINET IO device / is supported / H-Sync forwarding	Yes
• Parallel Redundancy Protocol (PRP)/operation in the PRP-network	No
• 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	No
protocol / is supported	
• NTP	No
• SNTP	Yes
standards, specifications, approvals	
Security for industrial automation and control systems / acc. to IEC 62443-4-2:2019	Yes
security information	

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