SIEMENS

Data sheet

6GK5204-0BA00-2KB2



SCALANCE X204RNA; redundant network access; 4x 100 Mbit/s RJ45 ports; LED diagnostics; error-signaling contact with set push-button; redundant power supply; network management; including electronic manual on CD-ROM, C-PLUG optional for PRP networks;

product type designation	SCALANCE X204RNA
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	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
signal inputs/outputs	
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	3.5 W
supply voltage / 1 / rated value	19.2 28.8 V
consumed current / 1 / maximum	0.15 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	2.0 A
ambient conditions	
ambient temperature	
during operation	-40 +60 °C
during storage	-40 +70 °C
during transport	-40 +70 °C
relative humidity	
 at 25 °C / without condensation / during operation / maximum 	95 %

protection class IP	IP20	
design, dimensions and weights		
design	compact	
width	45 mm	
height	100 mm	
depth	87 mm	
net weight	0.23 kg	
fastening method		
35 mm top hat DIN rail mounting	Yes	
wall mounting	Yes	
S7-300 rail mounting	No	
• S7-1500 rail mounting	No	
product functions / management, configuration, engineering		
product function		
• CLI	Yes	
 web-based management 	Yes	
MIB support	Yes	
TRAPs via email	Yes	
configuration with STEP 7	No	
 port mirroring 	No	
multiport mirroring	No	
with IRT / PROFINET IO switch	No	
PROFINET IO diagnosis	No	
product function / switch-managed	No	
protocol / is supported		
Telnet	No	
• HTTP	Yes	
• HTTPS	Yes	
• TFTP	No	
• FTP	No	
• BOOTP	No	
• GMRP	No	
• DCP	Yes	
• LLDP	No	
• SNMP v1	Yes	
• SNMP v2	Yes	
• SNMP v3	Yes	
IGMP (snooping/querier)	No	
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 / redundancy		
product function		
ring redundancy	No	
 High Speed Redundancy Protocol (HRP) 	No	
 high speed redundancy protocol (HRP) with redundancy manager 	No	
high speed redundancy protocol (HRP) with standby redundancy	No	
protocol / is supported / Media Redundancy Protocol (MRP)	No	
product function ■ media redundancy protocol (MRP) with redundancy manager	No	

Parallet Redundancy Protoco (PRP) Fedural Notwork Access (RNA) Parallet Redundancy Protoco (PRP) Fedural Notwork Access (RNA) Parallet Redundancy Protoco (PRP) Fedural Notwork Access (RNA) Parallet Redundancy Protoco (PRP) Coupling Parallet Redundancy Protoco (PRP) Protocopy (PRP) Parallet Redundancy Protoco (PRP) Protocopy (PRP) Parallet Redundancy Protoco (PRP) Protocopy (PRP)		
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product functions / time product function	protocol / is supported	
product function SICLOCK support NTP NTP SNTP SNTP SANTP STANTP STANTP FM3811: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP, IIC, T4 of or safety / from CSA and UL of or emitted interference of or interference of or interference immunity EN 61000-64-2001 (Class A) For emitted interference of or interference of or interference interference immunity EN 61000-64-2001 FMTBF reference code occording to IEC 81346-2 occording to IEC 81346-2 occording to IEC 81346-2 occording to IEC 81346-2 is according to IEC 81346-2 occording to IEC 8146-3 occord	• SSH	Yes
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protocol / is supported NTP NO SNTP Yes standards, specifications, approvals standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. III., T4 • for safety / from CSA and UL • for emitted interference • for interference immunity MTBF Standards, specifications, approvals / EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) FF 62-45 (Class A) EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) FF 62-45 (Class A) EN 61000-64-2201 (Class A) EN 61000-6	product function	
protocol / is supported NTP NO SNTP Yes standards, specifications, approvals standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. III., T4 • for safety / from CSA and UL • for emitted interference • for interference immunity MTBF Standards, specifications, approvals / EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) FF 62-45 (Class A) EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) EN 61000-64-2201 (Class A) FF 62-45 (Class A) EN 61000-64-2201 (Class A) EN 61000-6	SICLOCK support	No
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security information

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