



SCALANCE X200-4PIRT managed IE IRT switch, 4x 100 Mbit/s POF SC RJ ports, Error signaling contact with set button, Redundant power supply, PROFINET IO device, network management, Redundancy Manager integrated, incl. electron. manual on CD-ROM, C-plug optional

product type designation	SCALANCE X200-4P IRT
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of 100 Mbit/s SC-RJ-ports / for POF FOC • with push-pull connection system	4
interfaces / other	
number of electrical connections • for signaling contact • for power supply	1 1
type of electrical connection • for signaling contact • for power supply	2-pole terminal block 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	
type of voltage / 1 / of the supply voltage • supply voltage / 1 / rated value • power loss [W] / 1 / rated value • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input	DC 24 V 9.6 W 18 ... 32 V 0.4 A 4-pole terminal block Yes
ambient conditions	
ambient temperature • during operation • during storage • during transport	-25 ... +40 °C -40 ... +70 °C -40 ... +70 °C
relative humidity • at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP30

design, dimensions and weights	
design	compact
width	60 mm
height	125 mm
depth	124 mm
net weight	0.78 kg
fastening method	
• 35 mm top hat DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	No
product features, product functions, product components / general	
cascading in the case of a redundant ring / at reconfiguration time of $\leq 0.3\text{ s}$	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	No
• multiport mirroring	No
• with IRT / PROFINET IO switch	Yes
• PROFINET IO diagnosis	Yes
PROFINET conformity class	C
product function / switch-managed	Yes
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	
product function	
• ring redundancy	Yes
• High Speed Redundancy Protocol (HRP)	Yes
• high speed redundancy protocol (HRP) with redundancy manager	Yes

<ul style="list-style-type: none"> high speed redundancy protocol (HRP) with standby redundancy 	Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
<ul style="list-style-type: none"> media redundancy protocol (MRP) with redundancy manager 	Yes
<ul style="list-style-type: none"> Media Redundancy Protocol for Planned Duplication (MRPD) 	Yes
<ul style="list-style-type: none"> Parallel Redundancy Protocol (PRP)/operation in the PRP-network 	Yes
<ul style="list-style-type: none"> Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	No
<ul style="list-style-type: none"> passive listening 	Yes
product functions / security	
protocol / is supported	
<ul style="list-style-type: none"> SSH 	Yes
product functions / time	
product function	
<ul style="list-style-type: none"> SICLOCK support 	Yes
protocol / is supported	
<ul style="list-style-type: none"> NTP 	No
<ul style="list-style-type: none"> SNTP 	Yes
standards, specifications, approvals	
standard	
<ul style="list-style-type: none"> for FM 	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
<ul style="list-style-type: none"> for hazardous zone 	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
<ul style="list-style-type: none"> for safety / from CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1
<ul style="list-style-type: none"> for hazardous zone / from CSA and UL 	ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4
<ul style="list-style-type: none"> for emitted interference 	EN 61000-6-4:2001
<ul style="list-style-type: none"> for interference immunity 	EN 61000-6-2:2001
MTBF	73.06 y
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
certificate of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
<ul style="list-style-type: none"> C-Tick 	Yes
<ul style="list-style-type: none"> railway application in accordance with EN 50155 	No
<ul style="list-style-type: none"> railway application in accordance with EN 50124-1 	No
<ul style="list-style-type: none"> KC approval 	Yes
accessories	
product extension / optional / C-PLUG	Yes
further information / internet-Links	
Internet-Link	
<ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool 	http://www.siemens.com/snst
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx-Download-Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For

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