

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SCALANCE

6GK5202-2JR00-2BA6

MANAGED INDUSTRIAL ETHERNET SWITCH

Used with the applicable SCALANCE X202-2P IRT PRO configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official product documentation



SCALANCE X202-2PIRT PRO, Managed IE IRT switch, Degree of protection IP65/67, 2x 10/100 Mbit/s Push Pull RJ45 ports, 2x 100 Mbit/s Push-pull SCRJ port; 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 X202-2P IRT PRO
Transfer rate		
Transfer rate		10 Mbit/s, 100 Mbit/s
Interfaces / for communication / Integrated		
Number of electrical connections		
for network components or terminal equipment		2
number of 100 Mbit/s SC-RJ-ports / for POF FOC		
with push-pull connection system		2
Interfaces / other		
Number of electrical connections		
for signaling contact		1
for power supply		1
Type of electrical connection		
for signaling contact		5-pin M12 socket
for power supply		5-pin push-pull plug PRO socket
design of the removable storage		
C-PLUG		Yes

Signal inputs/outputs	
Operating voltage / of the signaling contacts	
• at DC / Rated value	24 V
Operating current / of the signaling contacts	
• at DC / maximum	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external / minimum	18 V
• external / maximum	32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	1.1 A / 33 V
Consumed current / maximum	0.3 A
Power loss [W]	
• at DC / at 24 V	7.2 W
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +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	IP65
Design, dimensions and weights	
Design	compact
Width	90 mm
Height	125 mm
Depth	124 mm
Net weight	1 kg
Mounting type	
• 35 mm 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 <~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
• 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