



SCALANCE XB205-3 managed Layer 2 IE switch 5x 10/100 Mbit/s RJ45 ports 3x MM FO ST port 1x console port, diagnostics LED redundant power supply; IEC 62443-4-2 certified; temperature range 0 °C to +60 °C; DIN-rail mounting; default PROFINET.

product type designation	
product brand name	SCALANCE
product type designation	XB205-3
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections <ul style="list-style-type: none">• for network components or terminal equipment	5; RJ45
number of 100 Mbit/s ST(BFOC) ports <ul style="list-style-type: none">• for multimode	3
transmission method / of the optical interface	100BaseFX
interfaces / other	
number of electrical connections <ul style="list-style-type: none">• for operator console• for power supply	1 1
type of electrical connection <ul style="list-style-type: none">• for operator console• for management purposes	RJ11 RJ45
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage / 1 / of the supply voltage <ul style="list-style-type: none">• 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 7.2 W 19.2 ... 28.8 V 0.3 A 6-pole terminal block Yes
ambient conditions	
ambient temperature <ul style="list-style-type: none">• during operation• during storage• during transport	0 ... 60 °C -40 ... +70 °C -40 ... +70 °C
relative humidity <ul style="list-style-type: none">• at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	compact
width	80 mm
height	117 mm

depth	109 mm
net weight	0.35 kg
material / of the enclosure	Polycarbonate (PC-GF10)
fastening method	
• 35 mm top hat DIN rail mounting	Yes
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
• RMON	Yes
• port mirroring	Yes
• multiport mirroring	Yes
• CoS	Yes
• PROFINET IO diagnosis	Yes
PROFINET conformity class	B
network load class / according to PROFINET	3
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	1632 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• DCP	Yes
• LLDP	Yes
• EtherNet/IP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
• IGMP (snooping/querier)	Yes
identification & maintenance function	
• I&M0 - device-specific information	Yes
• I&M1 - higher level designation/location designation	Yes
product function / is supported / identification link	Yes; according to IEC 61406-1:2022
product functions / diagnostics	
product function	
• port diagnostics	Yes
• statistics Packet Size	Yes
• statistics packet type	Yes
• error statistics	Yes
• SysLog	Yes
product functions / VLAN	
product function	
• VLAN - port based	Yes
number of VLANs / maximum	257
number of VLANs - dynamic / maximum	257
number of VLANs / at ring redundancy (HRP; MRP; standby link)	257
product functions / DHCP	
product function	
• DHCP client	Yes
product functions / redundancy	
product function	

<ul style="list-style-type: none"> • 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 	No Yes Yes Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function <ul style="list-style-type: none"> • media redundancy protocol (MRP) with redundancy manager • Media Redundancy Protocol Interconnection (MRP-I) • redundancy procedure STP • redundancy procedure RSTP • redundancy procedure RSTP+ • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • passive listening 	Yes Yes Yes Yes Yes No Yes
protocol / is supported <ul style="list-style-type: none"> • LACP 	Yes
product functions / security	
product function <ul style="list-style-type: none"> • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast blocking 	Yes Yes Yes
protocol / is supported <ul style="list-style-type: none"> • SSH • SSL 	Yes Yes
product functions / time	
product function <ul style="list-style-type: none"> • SICLOCK support • NTP-client • SNTP client 	Yes Yes Yes
protocol / is supported <ul style="list-style-type: none"> • SNTP 	Yes
standards, specifications, approvals	
reference code <ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	KF KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
certificate of suitability / RoHS conformity	Yes; 2011/65/EU
standards, specifications, approvals / hazardous environments	
certificate of suitability <ul style="list-style-type: none"> • ATEX • UKEX • IECEx • ULhazloc approval • CCC / for hazardous zone according to GB standard • FM registration 	Yes Yes Yes Yes Yes Yes
standards, specifications, approvals / other	
certificate of suitability <ul style="list-style-type: none"> • C-Tick • KC approval 	EN 61000-6-2, EN 61000-6-4 Yes Yes
product functions / general	
Warranty period	5 a
further information / internet links	
internet link <ul style="list-style-type: none"> • to website: Image database • to website: Industry Online Support 	https://www.automation.siemens.com/bilddb https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions

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Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)


EG-Konf.

[Declaration of Conformity](#)


UL

[Miscellaneous](#)


[Declaration of Conformity](#)

General Product Approval	EMV	For use in hazardous locations
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RCM


TUV

[KC](#)


IECEx


ATEX

[EM](#)

For use in hazardous locations	Radio Equipment Type Approval Certificate	Environment	Industrial Communication
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