



Unmanaged Industrial Ethernet Switches

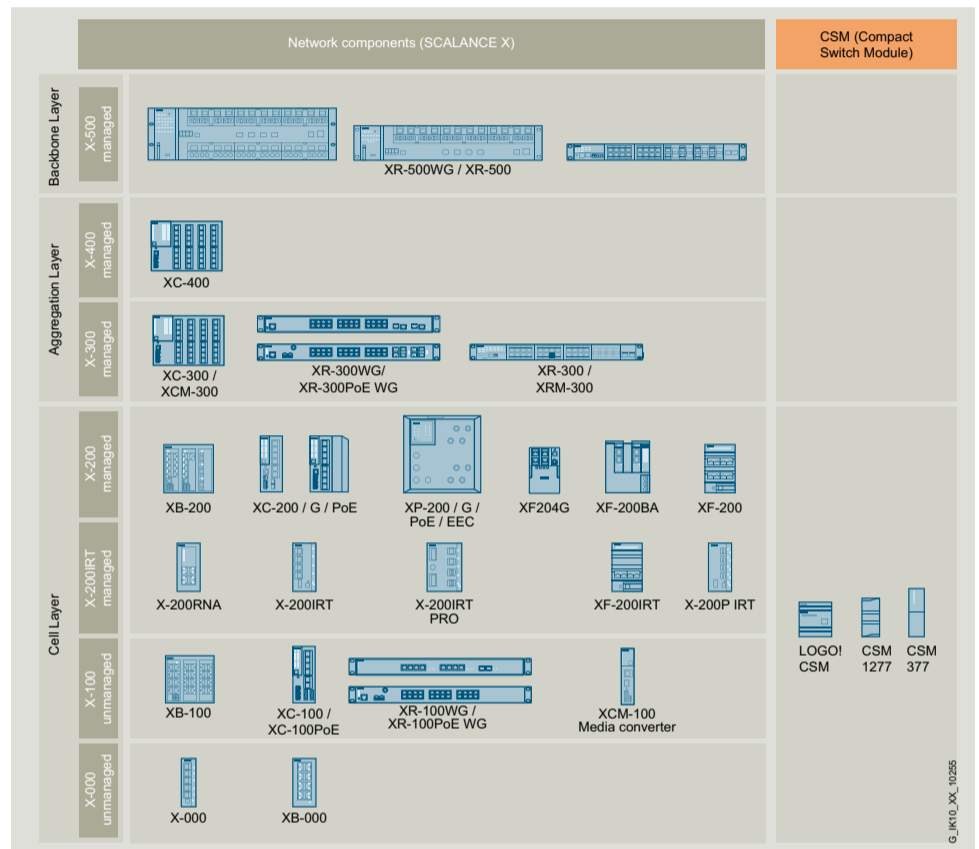
SCALANCE X

Ordering overview – Edition 04/2024

[siemens.com/switches](https://www.siemens.com/switches)

Industrial Ethernet Switches for networks with a future

Switches are active network components that support the structuring of an industrial communication network into electrical or optical line, star and ring structures. They specifically distribute data to the defined addressees and structure the data traffic. Data throughput and network performance are increased considerably. The graded SCALANCE X portfolio from Siemens has the right switch for every demand placed on an industrial network.



The TIA Selection Tool can be found under:

[siemens.com/tst](https://www.siemens.com/tst)

More information on the SIMATIC NET cabling range can be found under:

[siemens.com/fastconnect](https://www.siemens.com/fastconnect)

The ordering overview "Managed Industrial Ethernet Switches" can be found under:

[siemens.com/managed-switches](https://www.siemens.com/managed-switches)



Security information

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Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under <https://www.siemens.com/industrialsecurity>

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Ordering overview for "Unmanaged Industrial Ethernet Switches"

	Product	Comments	Electrical ports	Optical ports	Article no. ¹⁾	
Unmanaged						
SCALANCE XCM-100 media converters – Convert according to your requirements						
	XCM102	All-in-one media converter by means of SFPs, redundant power supply	1	1 x SFP	6GK5102-1GS00-2AC2	
Compact Switch Modules – More connections to SIMATIC						
	LOGO! CSM12/24	for LOGO!	4		6GK7177-1MA20-0AA0	
	CSM 1277	for SIMATIC S7-1200	4		6GK7277-1AA10-0AA0	
	CSM 377	for SIMATIC S7-300/ET 200M	4		6GK7377-1AA00-0AA0	
SCALANCE X-000 – Simple, space-saving, suitable for industry						
	X005	Extended temperature range	5		6GK5005-0BA10-1AA3	
	X005EEC	Extended temperature range; EN 50155	5		6GK5005-0BA10-1CA3	
	XB005	24 V AC/DC	5		6GK5005-0BA00-1AB2	
	XB008		8		6GK5008-0BA10-1AB2	
	XB004-1		Multimode, max. 5 km	4	1 x SC	6GK5004-1BD00-1AB2
	XB004-1LD		Long distance, singlemode, max. 26 km	4	1 x SC	6GK5004-1BF00-1AB2
	XB004-2LD	Long distance, singlemode, max. 26 km	4	2 x SC	6GK5004-2BF00-1AB2	
	XB004-2	Multimode, max. 5 km	4	2 x SC	6GK5004-2BD00-1AB2	
	XB005G	Gigabit-capable	5		6GK5005-0GA10-1AB2	
	XB008G		8		6GK5008-0GA10-1AB2	
	XB004-1G		Multimode, max. 750 m	4	1 x SC	6GK5004-1GL10-1AB2
	XB004-1LDG		Long distance, singlemode, max. 10 km	4	1 x SC	6GK5004-1GM10-1AB2
SCALANCE XB-100 – Suitable for industry-oriented applications and building automation						
	XB108-2	Multimode, max. 5 km	24 V AC/DC	2 x ST/BFOC	6GK5108-2BB00-2AB2	
	XB108-2			2 x SC	6GK5108-2BD00-2AB2	
	XB112			12	6GK5112-0BA00-2AB2	
	XB116			16	6GK5116-0BA00-2AB2	
	XB124	24	6GK5124-0BA00-2AB2			
SCALANCE XC-100 and XCM-100 – Full industry-compatible variants, e.g., with Power over Ethernet						
	XC106-2	Multimode, max. 5 km	extended temperature range, with retaining collar	2 x ST/BFOC	6GK5106-2BB00-2AC2	
	XC108			2 x SC	6GK5106-2BD00-2AC2	
	XC116			8	6GK5108-0BA00-2AC2	
	XC124			16	6GK5116-0BA00-2AC2	
	XCM108PoE	Power over Ethernet, up to 10/100 Mbps	24 V DC/54 V DC	24	6GK5124-0BA00-2AC2	
		Power over Ethernet, up to 10/100/1000 Mbps		8	6GK5108-0PA00-2AC2	
		Power over Ethernet, up to 10/100/1000 Mbps		8	6GK5108-0RA00-2AC2	
				2 x SFP	6GK5108-2RS00-2AC2	
SCALANCE XCH-100 – Compact for harsh environments						
	XCH108PoE	Conformal coating, Power over Ethernet, up to 100/1000 Mbps	6	2 x SFP	6GK5108-2RS00-2FC2	
SCALANCE XR-100WG – Unmanaged 19" Rack-Switch with low installation depth						
	XR108-2PoE WG	Power over Ethernet	100–240 V AC	8	2 x LC	6GK5108-2QS00-3AR3
	XR124WG		24 V DC	24		6GK5124-0BA00-2AR3
			100–240 V AC	24		6GK5124-0BA00-3AR3

SFP modules for SCALANCE XR108-2PoE WG and SCALANCE XCM-100

	Product	Type and number of ports							Max. distance	Article no. ¹⁾
		10 Gigabit Ethernet		Gigabit Ethernet		Fast Ethernet				
		10 Gbps		10/100/1000 Mbps	1000 Mbps	100 Mbps				
		Optical		Electrical		Optical				
	Module type	Multimode	Singlemode	Twisted Pair	Multimode	Singlemode	Multimode	Singlemode		
	SFP991-1 ^{4) 7) 8) 9)}						1 x LC		5 km	6GK5991-1AD00-8AA0
	SFP991-1LD ^{4) 7) 8) 9)}							1 x LC	26 km	6GK5991-1AF00-8AA0
	SFP991-1LH ⁸⁾							1 x LC	70 km	6GK5991-1AE00-8AA0
	SFP991-1ELH200 ⁸⁾							1 x LC	200 km	6GK5991-1AE30-8AA0
	SFP992-1 ^{3) 4) 7) 9)}				1 x LC				750 m	6GK5992-1AL00-8AA0
	SFP992-1+ ^{3) 9)}				1 x LC				2 km	6GK5992-1AG00-8AA0
	SFP992-1LD ^{3) 4) 7) 9)}					1 x LC			10 km	6GK5992-1AM00-8AA0
	SFP992-1LD+ ³⁾					1 x LC			30 km	6GK5992-1AM30-8AA0
	SFP992-1BXMT ⁶⁾				1 x LC				500 m	6GK5992-1AL00-8TA0
	SFP992-1BXMR ⁶⁾				1 x LC				500 m	6GK5992-1AL00-8RA0
	SFP992-1BX10R ⁶⁾					1 x LC			10 km	6GK5992-1AM00-8RA0
	SFP992-1BX10T ⁶⁾					1 x LC			10 km	6GK5992-1AM00-8TA0
	SFP992-1LH ³⁾					1 x LC			40 km	6GK5992-1AN00-8AA0
	SFP992-1LH+ ³⁾					1 x LC			70 km	6GK5992-1AP00-8AA0
	SFP992-1ELH ³⁾					1 x LC			120 km	6GK5992-1AQ00-8AA0
	SFP+-Module ⁴⁾									
	SFP993-1	1 x LC							550 m	6GK5993-1AT00-8AA0
	SFP993-1LD ⁹⁾		1 x LC						10 km	6GK5993-1AU00-8AA0
	SFP993-1LH		1 x LC						40 km	6GK5993-1AV00-8AA0
	IE Connecting Cable SFP+/SFP+	2 x pre-assembled with 2 x SFP+ plug							1 m	6GK5980-3CB00-0AA1
									2 m	6GK5980-3CB00-0AA2
									7 m	6GK5980-3CB00-0AA7

¹⁾ Current ordering data can be found on the Internet at: www.siemens.com/industrymall
 Conditions of sale and delivery can be found at:
https://mall.industry.siemens.com/legal/vw/en/terms_of_trade_en.pdf
²⁾ Bulk prices starting from 10 or 25 pieces
³⁾ Can only be inserted in SFP/SFP+ slot

⁴⁾ Versions with coated PCBs (conformal coating) available
⁵⁾ Can only be inserted in SFP+ slot
⁶⁾ Bidirectional
⁷⁾ LE with 10 pieces available
⁸⁾ Can only be inserted in SFP slot
⁹⁾ Bulk prices starting from 10, 50 or 100 pieces