



# Unmanaged Industrial Ethernet Switches

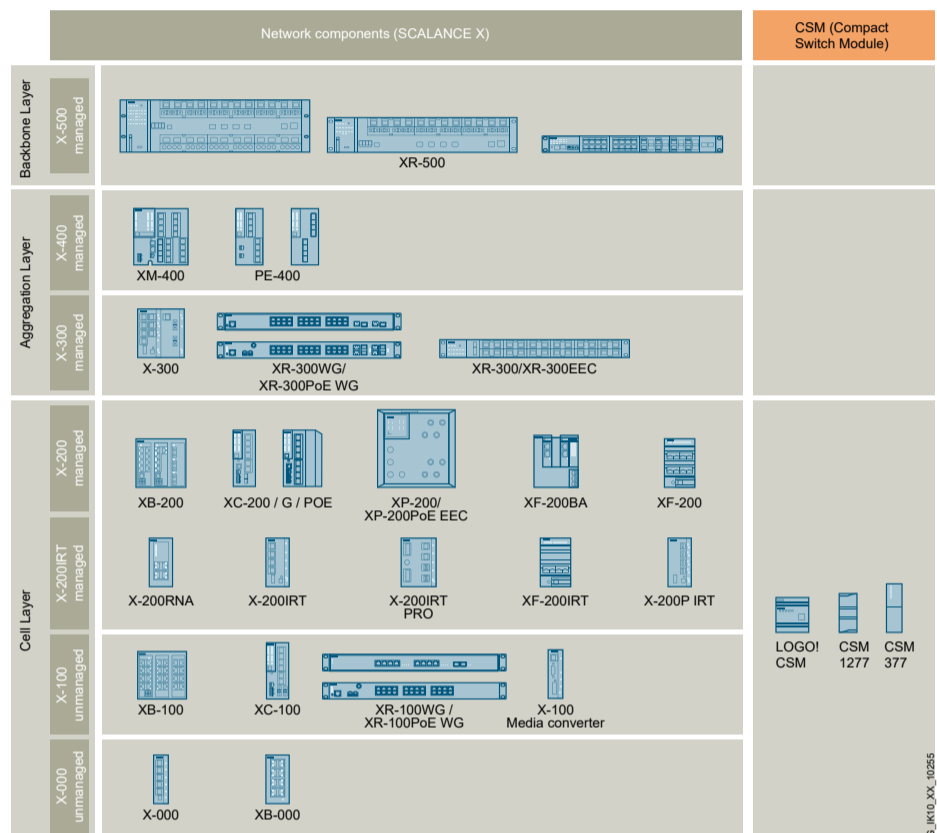
SCALANCE X

Ordering overview – Edition 01/2023

[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)



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## Ordering overview for "Unmanaged Industrial Ethernet Switches"

	Product	Comments	Electrical ports	Optical ports	Article no. <sup>1)</sup>		
<b>Unmanaged</b>							
<b>SCALANCE XCM-100 media converters – Convert according to your requirements</b>							
	XCM102	All-in-one media converter by means of SFPs, redundant power supply	1	1 x SFP	6GK5102-1GS00-2AC2		
<b>Compact Switch Modules – More connections to SIMATIC</b>							
	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		
<b>SCALANCE X-000 – Simple, space-saving, suitable for industry</b>							
	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	
<b>SCALANCE XB-100 – Suitable for industry-oriented applications and building automation</b>							
	XB108-2		Multimode, max. 5 km	24 V AC/DC	8	2 x ST/BFOC	6GK5108-2BB00-2AB2
	XB108-2	8			2 x SC	6GK5108-2BD00-2AB2	
	XB112	12			6GK5112-0BA00-2AB2		
	XB116	16			6GK5116-0BA00-2AB2		
	XB124	24			6GK5124-0BA00-2AB2		
<b>SCALANCE XC-100 and XCM-100 – Full industry-compatible variants, e.g., with Power over Ethernet</b>							
	XC106-2	Multimode, max. 5 km	extended temperature range, with retaining collar	6	2 x ST/BFOC	6GK5106-2BB00-2AC2	
	XC108			6	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
			6	2 x SFP	6GK5108-2RS00-2AC2		
<b>SCALANCE XCH-100 – Compact for harsh environments</b>							
	XCH108PoE	Conformal coating, Power over Ethernet, up to 100/1000 Mbps	6	2 x SFP	6GK5108-2RS00-2FC2		
<b>SCALANCE XR-100WG – Unmanaged 19" Rack-Switch with low installation depth</b>							
	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. <sup>1)</sup>	
		10 Gigabit Ethernet		Gigabit Ethernet				
		10 Gbps		1000 Mbps				
		Optical						
	Module type	Multimode	Singlemode	Multimode	Singlemode			
	SFP992-1 <sup>2) 6)</sup>			1 x LC		750 m	6GK5992-1AL00-8AA0	
	SFP992-1+ <sup>2)</sup>			1 x LC		2 km	6GK5992-1AG00-8AA0	
	SFP992-1LD <sup>3) 2) 6)</sup>				1 x LC	10 km	6GK5992-1AM00-8AA0	
	SFP992-1BXMT <sup>5)</sup>			1 x LC		500 m	6GK5992-1AL00-8TA0	
	SFP992-1BXM <sup>5)</sup>			1 x LC		500 m	6GK5992-1AL00-8RA0	
	SFP992-1BX10R				1 x LC	10 km	6GK5992-1AM00-8RA0	
	SFP992-1BX10T				1 x LC	10 km	6GK5992-1AM00-8TA0	
	SFP992-1LH <sup>2)</sup>				1 x LC	40 km	6GK5992-1AN00-8AA0	
	SFP992-1LH+ <sup>2)</sup>				1 x LC	70 km	6GK5992-1AP00-8AA0	
	SFP992-1ELH <sup>2)</sup>				1 x LC	120 km	6GK5992-1AQ00-8AA0	
	<b>SFP+-Module<sup>4)</sup></b>							
	SFP993-1	1 x LC					300 m	6GK5993-1AT00-8AA0
	SFP993-1LD			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	

<sup>1)</sup> Current ordering data can be found on the Internet at: [www.siemens.com/industrymall](http://www.siemens.com/industrymall)  
Conditions of sale and delivery can be found at:  
[https://mall.industry.siemens.com/legal/ww/en/terms\\_of\\_trade\\_en.pdf](https://mall.industry.siemens.com/legal/ww/en/terms_of_trade_en.pdf)

<sup>2)</sup> Can only be inserted in SFP/SFP+ slot  
<sup>3)</sup> Versions with coated PCBs (conformal coating) available  
<sup>4)</sup> Can only be inserted in SFP+ slot  
<sup>5)</sup> Bidirectional  
<sup>6)</sup> Delivery unit with 20 pieces available

