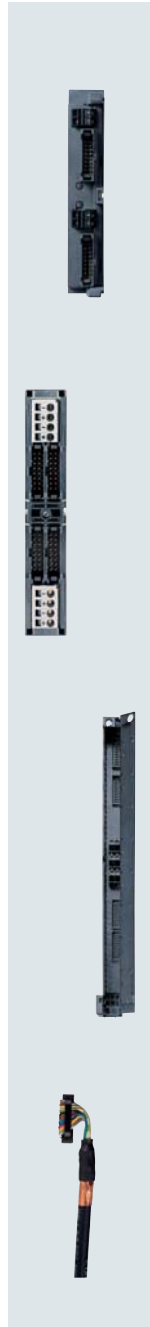


Ordering Data SIMATIC TOP connect. The fully modular connection for SIMATIC S7.



Front connector module I/O for compact CPU 31_ and digital modules

Description/Order No.	voltage infeed
For SIMATIC S7-300 Compact CPU 312C	
6ES7921-3AJ20-0AA0	spring-loaded terminals
6ES7921-3AK20-0AA0	screw terminals
For SIMATIC S7-300 Compact CPU 313C¹⁾; CPU 314C-2PtP¹⁾; CPU 314C-2DP¹⁾	
6ES7921-3AL20-0AA0	spring-loaded terminals
6ES7921-3AM20-0AA0	screw terminals
For SIMATIC S7-300, 2 x 8 I/O digital	
6ES7921-3AA00-0AA0	spring-loaded terminals
6ES7921-3AB00-0AA0	screw terminals
For SIMATIC S7-300, 4 x 8 I/O digital²⁾	
6ES7921-3AA20-0AA0	spring-loaded terminals
6ES7921-3AB20-0AA0	screw terminals
For SIMATIC S7-400, 4 x 8 I/O	
6ES7921-4AB00-0AA0	screw terminals

Front connector module for 2 A digital output module

Description/Order No.	voltage infeed
For SIMATIC S7-300, 8 DO	
6ES7921-3AC00-0AA0	spring-loaded terminals
6ES7921-3AD00-0AA0	screw terminals
For SIMATIC S7-400, 2 x 8 DO	
6ES7921-4AD00-0AA0	screw terminals

Front connector module I/O analog

Description/Order No.	voltage infeed
For SIMATIC S7-300 (20-pin)	
6ES7921-3AF00-0AA0	spring-loaded terminals
6ES7921-3AG00-0AA0	screw terminals
For SIMATIC S7-300 (40-pin)	
6ES7921-3AF20-0AA0	spring-loaded terminals
6ES7921-3AG20-0AA0	screw terminals
For SIMATIC S7-400	
6ES7921-4AG00-0AA0	screw terminals

Connecting cable SIMATIC S7 – terminal block

Length	Order No.
Assembled round cable	
Unshielded 16-pin	
0.5 m	6ES7923-0BA50-0CB0
1.0 m	6ES7923-0BB00-0CB0
1.5 m	6ES7923-0BB50-0CB0
2.0 m	6ES7923-0BC00-0CB0
2.5 m	6ES7923-0BC50-0CB0
3.0 m	6ES7923-0BD00-0CB0
4.0 m	6ES7923-0BE00-0CB0
5.0 m	6ES7923-0BF00-0CB0
Shielded 16-pin	
1.0 m	6ES7923-0BB00-0DB0
2.0 m	6ES7923-0BC00-0DB0
2.5 m	6ES7923-0BC50-0DB0
3.0 m	6ES7923-0BD00-0DB0
4.0 m	6ES7923-0BE00-0DB0
5.0 m	6ES7923-0BF00-0DB0

Round-sheath ribbon cable, cut-to-length

Unshielded 16-pin (8 I/O)	
30 m	6ES7923-0CD00-0AA0
60 m	6ES7923-0CG00-0AA0
Unshielded 2 x 16-pin (2 x 8 I/O)	
30 m	6ES7923-2CD00-0AA0
60 m	6ES7923-2CG00-0AA0
Shielded 16-pin (8 I/O)	
30 m	6ES7923-0CD00-0BA0
60 m	6ES7923-0CG00-0BA0

Accessories for round-sheath ribbon cable, cut-to-length

8 connectors and 8 strain relief devices	
	6ES7921-3BE10-0AA0
Crimping tool for the connectors	
	6ES7928-0AA00-0AA0

Identification carrier for terminal blocks

Design	Order No.
Label plate, Packing unit 200 pcs	
Plug-in	6ES7928-2AB00-0AA0
Self-adhesive	6ES7928-2BB00-0AA0

Terminal block I/O digital

Description	Connection terminals	Signalization	Order No.
8 digital inputs/outputs			
TP1 for 1-conductor connection			6ES7924
	Spring		-0AA10-0AB0
	Screw		-0AA10-0AA0
	Spring	LED	-0AA10-0BB0
	Screw	LED	-0AA10-0BA0
TP3 for 3-conductor connection			6ES7924
	Spring		-0CA10-0AB0
	Screw		-0CA10-0AA0
	Spring	LED	-0CA10-0BB0
	Screw	LED	-0CA10-0BA0
TPRo ³⁾ Relay, NO, 8 outputs			6ES7924
	Spring	LED	-0BD10-0BB0
	Screw	LED	-0BD10-0BA0
TPRi ⁴⁾ Relay, NO, 8 outputs			6ES7924
	Spring	LED	-0BE10-0BB0
	Screw	LED	-0BE10-0BA0
2 x 8 digital inputs/outputs			
TPK for 1-conductor connection			6ES7924
	Spring		-1AA10-0AB0
	Screw		-1AA10-0AA0
	Spring	LED	-1AA10-0BB0
	Screw	LED	-1AA10-0BA0

2 A terminal block, 8 DO

Description	Connection terminals	Signalization	Order No.
TP2 for 2-conductor initiators			6ES7924
	Spring		-0BB10-0AB0
	Screw		-0BB10-0AA0
	Spring	LED	-0BB10-0BB0
	Screw	LED	-0BB10-0BA0

I/O terminal block, analog

Description	Connection terminals	Order No.
TPA for analog signals		6ES7924
	Spring	-0CC10-0AB0
	Screw	-0CC10-0AA0
Accessories for terminal block, analog inputs/outputs		
Description		Order No.
Shield for terminal block analog, packing unit 4 pcs.		6ES7928-1BA00-0AA0
Shield terminal block for shield, packing unit 2 pcs.		
∅ 2 x 2...6 mm		6ES7390-5AB00-0AA0
∅ 3...8 mm		6ES7390-5BA00-0AA0
∅ 4...13 mm		6ES7390-5CA00-0AA0



¹⁾ Connection of analog signals via 8 I/O terminal block;
²⁾ Also for the connection X2 of S7-300 Compact CPU 31_

³⁾ o = output, for 24-V output module for switching operations > 24 V/0.5 A, outputs 230 V AC/3 A, 20 cycles/min
 Replacement relay: Order No. 6ES7928-3AA00-4AA0, packing unit 4 pcs
 Optocoupler DC as alternative for relay: Order No. 6ES7928-3DA00-4AA0, packing unit 4 pcs
 Optocoupler AC as alternative for relay: Order No. 6ES7928-3CA00-4AA0, packing unit 4 pcs

⁴⁾ i = input, for 24-V input module for 230-V input signal AC, outputs 24 V
 Replacement relay: Order No. 6ES7928-3BA00-4AA0, packing unit 4 pcs