

Overview



The flexible connection guarantees a fast and direct connection from the input/output modules of the SIMATIC S7-300/400 to the individual elements in the cabinet.

Already attached single cores reduce the wiring effort.

The core cross-sections of 0.5 mm² also allow higher currents.

Technical specifications

Front connector with single cores for 16 channels	
Rated operating voltage	24 V DC
Permissible continuous current with simultaneous load of all wires, max.	1.5 A
Permissible ambient temperature	0 to 60 °C
Core type	H05V-K or with UL 1007/1569; CSA TR64
Number of single cores	20
Core cross-section	0.5 mm ² ; Cu
Bundle diameter in mm	approx. 15
Core color	Blue, RAL 5010
Designation of cores	Numbered from 1 to 20 (front connector contact = core number)
Assembly	Screw-type or crimp contacts

Front connector with single cores for 32 channels	
Rated operating voltage	24 V DC
Permissible continuous current with simultaneous load of all wires, max.	1.5 A
Permissible ambient temperature	0 to 60 °C
Core type	H05V-K or with UL 1007/1569; CSA TR64
Number of single cores	40
Core cross-section	0.5 mm ² ; Cu
Bundle diameter in mm	approx. 17
Core color	Blue, RAL 5010
Designation of cores	Numbered from 1 to 40 (front connector contact = core number)
Assembly	Screw-type or crimp contacts

SIMATIC S7-300

Connection methods

SIMATIC TOP connect for SIMATIC S7
Flexible connection

Ordering data	Order No.	Ordering data	Order No.
Front connector with single cores for 16-channel digital modules SIMATIC S7-300, 20 x 0.5 mm²		Front connector with single cores for 32-channel digital modules SIMATIC S7-300, 40 x 0.5 mm²	
Core type H05V-K <u>Screw-type version</u> Packaging unit: 1 unit Length: <ul style="list-style-type: none"> • 2.5 m • 3.2 m • 5 m • Custom lengths Packaging unit: 5 units Length: <ul style="list-style-type: none"> • 2.5 m • 3.2 m • 5.0 m <u>Crimp version</u> Packaging unit: 1 unit Length: <ul style="list-style-type: none"> • 2.5 m • 3.2 m • 5.0 m • Custom lengths 	6ES7922-3BC50-0AB0 6ES7922-3BD20-0AB0 6ES7922-3BF00-0AB0 On request 6ES7922-3BC50-5AB0 6ES7922-3BD20-5AB0 6ES7922-3BF00-5AB0 6ES7922-3BC50-0AF0 6ES7922-3BD20-0AF0 6ES7922-3BF00-0AF0 On request	Core type H05V-K <u>Screw-type version</u> Packaging unit: 1 unit Length: <ul style="list-style-type: none"> • 2.5 m • 3.2 m • 5.0 m • Custom lengths Packaging unit: 5 units Length: <ul style="list-style-type: none"> • 2.5 m • 3.2 m • 5.0 m <u>Crimp version</u> Packaging unit: 1 unit Length: <ul style="list-style-type: none"> • 2.5 m • 3.2 m • 5.0 m • Custom lengths 	6ES7922-3BC50-0AC0 6ES7922-3BD20-0AC0 6ES7922-3BF00-0AC0 On request 6ES7922-3BC50-5AC0 6ES7922-3BD20-5AC0 6ES7922-3BF00-5AC0 6ES7922-3BC50-0AG0 6ES7922-3BD20-0AG0 6ES7922-3BF00-0AG0 On request
Core type UL/CSA-certified <u>Screw-type version</u> Packaging unit: 1 unit Length: <ul style="list-style-type: none"> • 3.2 m • 5.0 m 	6ES7922-3BD20-0UB0 6ES7922-3BF00-0UB0	Core type UL/CSA-certified <u>Screw version</u> Packaging unit: 1 unit Length: <ul style="list-style-type: none"> • 3.2 m • 5.0 m 	6ES7922-3BD20-0UC0 6ES7922-3BF00-0UC0