

SIMATIC S7-1500 Advanced Controllers

I/O modules

Connection system

System cabling for SIMATIC S7-1500 and ET 200MP > Front connectors with single wires

Overview



Can be used for SIMATIC S7-1500 and ET 200MP digital modules (24 V DC)

The front connectors with single wires replace the SIMATIC standard connectors

- 6ES7592-1AM00-0XB0

Technical specifications

Front connector with single wires for 16 channels (pins 1-20)	
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
Wire type	H05V-K, UL 1007/1569; CSA TR64, or halogen-free
Number of single wires	20
Wire cross-section	0.5 mm ² ; Cu
Bundle diameter in mm	approx. 15
Wire color	Blue, RAL 5010
Designation of wires	Numbered from 1 to 20 (front connector contact = wire number)
Assembly	Screw contacts
Front connector with single wires for 32 channels (pins 1-40)	
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
Wire type	H05V-K, UL 1007/1569; CSA TR64, or halogen-free
Number of single wires	40
Wire cross-section	0.5 mm ² ; Cu
Bundle diameter in mm	approx. 17
Wire color	Blue, RAL 5010
Designation of wires	Numbered from 1 to 40 (front connector contact = wire number)
Assembly	Screw contacts

Ordering data

Article No.

Front connector with single wires for 32 channels (pins 1-40)

Wire type H05V-K (0.5 mm² with screw connection)

- 2.5 m
- 3.2 m
- 5.0 m
- 6.5 m
- 8.0 m
- 10.0 m

6ES7922-5BC50-0AC0
6ES7922-5BD20-0AC0
6ES7922-5BF00-0AC0
6ES7922-5BG50-0AC0
6ES7922-5BJ00-0AC0
6ES7922-5CB00-0AC0

Wire type H05Z-K, halogen-free (0.5 mm² with screw connection)

- 2.5 m
- 3.2 m
- 5.0 m
- 6.5 m
- 8.0 m
- 10.0 m

6ES7922-5BC50-0HC0
6ES7922-5BD20-0HC0
6ES7922-5BF00-0HC0
6ES7922-5BG50-0HC0
6ES7922-5BJ00-0HC0
6ES7922-5CB00-0HC0

Wire type UL/CSA-certified (0.5 mm² with screw connection)

- 2.5 m
- 5.0 m
- 6.5 m

6ES7922-5BD20-0UC0
6ES7922-5BF00-0UC0
6ES7922-5BG50-0UC0

Front connector with single wires for 16 channels (pins 1-20)

Wire type H05V-K (0.5 mm² with screw connection)

- 2.5 m
- 3.2 m
- 5.0 m
- 6.5 m
- 8.0 m
- 10.0 m

6ES7922-5BC50-0AB0
6ES7922-5BD20-0AB0
6ES7922-5BF00-0AB0
6ES7922-5BG50-0AB0
6ES7922-5BJ00-0AB0
6ES7922-5CB00-0AB0

Wire type H05Z-K, halogen-free (0.5 mm² with screw connection)

- 2.5 m
- 3.2 m
- 5.0 m
- 6.5 m
- 8.0 m
- 10.0 m

6ES7922-5BC50-0HB0
6ES7922-5BD20-0HB0
6ES7922-5BF00-0HB0
6ES7922-5BG50-0HB0
6ES7922-5BJ00-0HB0
6ES7922-5CB00-0HB0

Wire type UL/CSA-certified (0.5 mm² with screw connection)

- 3.2 m
- 5.0 m
- 6.5 m

6ES7922-5BD20-0UB0
6ES7922-5BF00-0UB0
6ES7922-5BG50-0UB0