SIMATIC S7-1500

Product Data Sheet

6ES7592-1AM00-0XB0

40-pole screw-type front connector

CONNECTION METHOD	POTENTIAL BRIDGES	CABLE TIES	CONDUCTORS PER CONNECTION
40-pole screw terminals	**4 included**	**Included**	**1; or 2 conductors up to 1.5 mm2 total in one ferrule**

Siemens 6ES7592-1AM00-0XB0 is a 40-pole screw-type front connector in the SIMATIC S7-1500 family. It is identified for compatible SIMATIC S7-1500 installations and should be selected by its complete order number and documented interface.

01 VERIFIED TECHNICAL DATA

Connection method	40-pole screw terminals
Potential bridges	4 included
Cable ties	Included
Conductors per connection	1; or 2 conductors up to 1.5 mm2 total in one ferrule
Connectable conductor cross-section	0.25 to 1.5 mm2 (AWG 24 to 16); solid or flexible, with or without ferrule
Stripped conductor length	10 to 11 mm
Ferrule without plastic sleeve	DIN 46228 Form A, 10 or 12 mm
Ferrule with plastic sleeve	DIN 46228 Form E, 10 or 12 mm
Installation tool	Conical screwdriver, 3 to 3.5 mm
Tightening torque	0.4 to 0.7 N m

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Naked product size	2.98 x 13.05 x 4.60cm
Naked product weight	0.12 kg

03 DOCUMENTED USE SETTINGS

Aerospace and Aviation Industries: Aircraft manufacturing sites.

Semiconductor and Electronics Industries: Semiconductor fabrication sites.

Renewable Energy Industries: Solar and wind energy sites.

04 SYSTEM COMPATIBILITY

6ES7592-1AM00-0XB0 belongs to the SIMATIC S7-1500 family and provides the documented role of 40-pole screw-type front connector. Review the exact order number before assigning it to the installed architecture.

05 PRODUCT EVIDENCE

Siemens manufacturer documentation

AMIKON PRODUCT SUPPORT

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