

SIMATIC TOP CONNECT

Product Data Sheet

6ES7921-5AH20-0AA0

S7-1500 push-in front connector module

PRODUCT DESIGNATION	TARGET SYSTEM	SUITABLE MODULE TYPE	SIGNAL CONNECTORS
Front connector module	SIMATIC S7-1500	Digital 32-channel I/O modules	4 x 16-pole IDC

Siemens 6ES7921-5AH20-0AA0 is a S7-1500 push-in front connector module in the SIMATIC TOP connect family. The documented product designation is Front connector module, and the full order code defines the supplied electrical and interface configuration.

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VERIFIED TECHNICAL DATA

Product designation	Front connector module
Target system	SIMATIC S7-1500
Suitable module type	Digital 32-channel I/O modules
Signal connectors	4 x 16-pole IDC
Potential supply	Push-in terminals
Rated operating voltage	24 V DC
Maximum operating voltage	60 V DC
Rated contact current	1 A
Maximum total current	2 A horizontal mounting
Operating temperature	0 to 60 °C

ADDITIONAL PRODUCT DATA

Front connector poles	40
Power terminals	8; four L+ and four M
Stripped conductor length	8 mm
Flexible conductor range	0.25 to 1.5 mm ²
Electrical connection	Plug-in connection

DOCUMENTED USE SETTINGS

Oil, Gas and Petrochemical Facilities: Upstream and downstream energy facilities.

Power Generation and Grid Infrastructure: Thermal and hydroelectric energy facilities.

Metals, Mining and Mineral Industries: Steel and nonferrous metal facilities.

SYSTEM COMPATIBILITY

6ES7921-5AH20-0AA0 is a S7-1500 push-in front connector module in the SIMATIC TOP connect family. Confirm the complete article identity and compare the documented product designation with the installed requirement.

PRODUCT EVIDENCE

Siemens manufacturer documentation