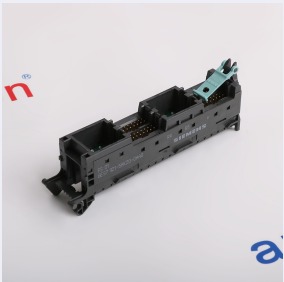


AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7921-5AK20-0AA0

Analog Front Connector Module



RANGE	I/O	CABLE	ROLE
SIMATIC TOP connect	Analog, 40-pole	4 x 16-pole IDC	Front connector

Siemens identifies 6ES7921-5AK20-0AA0 as a front connector module for 40-pole S7-1500 analog I/O, with four 16-pole IDC cable connections. It belongs to the fully modular SIMATIC TOP connect range and receives potential through the I/O module's infeed element.

01

VERIFIED TECHNICAL INFORMATION

Supported automation platform	SIMATIC S7-1500 / ET 200MP
I/O module compatibility	40-pole analog I/O modules
Connection architecture	SIMATIC TOP connect fully modular connection
Cable interfaces	4 x 16-pole IDC plug connections
Nominal DC voltage	24 V
Potential supply	Via the I/O module infeed element
Maximum connection length	30 m between front connector module and terminal module

Existing exact-model product photograph retained for this PDF only. Website images are unchanged.

02 TECHNICAL INFORMATION CONTINUED

Mounting method	Direct mounting in the I/O module
Operating ambient temperature	0 to 60 degrees C
Storage temperature	-40 to +70 degrees C
Pollution degree	2
Overvoltage category	II
Analog terminal module capacity	Up to four TPA terminal modules

03 INDUSTRIAL USES AND SELECTION

- Packaging machinery, textile equipment and water-treatment installations with compatible analog I/O.
- The connector carries field wiring; the selected I/O module determines signal-processing functions.
- Match the delivered hardware, cable routing, terminal assignment and shield termination.

04 SOURCE AND EDITION CHECKS

Siemens exact-product catalog - current specifications and package dimensions

Original Siemens TOP connect manual - wiring and drawings

The historical manual and current catalog have different maximum electrical ratings. Maximum voltage and contact current are intentionally not combined in this summary. Verify the edition applicable to the delivered hardware.

Packed size: 13.3 x 5.0 x 3.4 cm (L x W x H), from the current Siemens catalog. Gross shipping weight is not verified; do not substitute the catalog net weight.

AMIKON PRODUCT SUPPORT

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