AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7431-7KF00-6AA0

Temperature Reference Front Connector

TYPE	CONTACTS	CONNECTION	REFERENCE
Front connector	**48 poles**	**Screw contacts**	**Temperature**

Siemens 6ES7431-7KF00-6AA0 is a front connector for the 6ES7431-7KF00-0AB0 SM 431 analog input module. It combines 48 screw contacts with reference temperature detection. The 6AA0 order suffix identifies the connector accessory, not the host module or its analog conversion electronics.

01 VERIFIED TECHNICAL INFORMATION

Product type	Front connector
Contact count	48 poles
Termination method	Screw contacts

Manufacturer evidence: S7-400 Automation System Module Data; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Functional feature	Reference temperature detection
Specified host module	6ES7431-7KF00-0AB0

03 SOURCE AND CONFIGURATION CHECKS

The manufacturer connection drawing distinguishes this temperature-reference connector from the optional general screw-type connector. Selection therefore depends on the installed host and measurement arrangement, not only the number of contacts. Module channel counts, conversion resolution, measuring ranges and power consumption are not ratings of this connector.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

Siemens 11/2006; H06 source pp. 2,77,82-83,85,88,92-94,156,170-172,181-184

AMIKON PRODUCT SUPPORT

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