ET 200S

Product Data Sheet

6ES7134-4NB01-0AB0

High Feature Thermocouple Input Module

FUNCTION	FAMILY	ORIGIN	WEIGHT
High Feature Thermocouple Input Modu	**ET 200S**	**Germany**	**Confirm final packed weight**

Siemens 6ES7134-4NB01-0AB0 is a High Feature Thermocouple Input Module for the ET 200S. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Analog input channels	2 thermocouple or voltage inputs
Supported thermocouples	Types B, C, E, J, K, L, N, R, S and T
Voltage measuring range	±80 mV
Resolution	15 bits plus sign, including overrange
Input resistance	Minimum 1 Mohm for voltage and thermocouple inputs
Rated load supply	24 V DC from power module; reverse-polarity protection
Load-supply current consumption	Maximum 30 mA
Input address space	4 bytes
Conversion time per channel	66 ms at 60 Hz or 80 ms at 50 Hz; wire-break checking adds 5 ms
Digital smoothing	Time constants of 1, 4, 32 or 64 module cycles

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Temperature unit	Celsius or Fahrenheit, selected per module
Reference-junction compensation	Internal with TM-E15S24-AT or TM-E15C24-AT; external compensating box also supported
Electrical isolation	From backplane and load voltage L+; not between input channels
Shielded sensor cable	Maximum 50 m
Isochronous operation	Not supported

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing
- Food and Beverage
- Water Treatment

04 SYSTEM COMPATIBILITY

Match 6ES7134-4NB01-0AB0 to the installed ET 200S, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens technical documentation for 6ES7134-4NB01-0AB0

https://support.industry.siemens.com/

AMIKON PRODUCT SUPPORT

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