MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7134-4NB01-0AB0

HIGH FEATURE THERMOCOUPLE INPUT MODULE

Used with the applicable ET 200S configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

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

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Data sheet 6ES7134-4NB01-0AB0



SIMATIC DP, Electronics module f. ET200S, 2AI TC High Feature, 15 mm width, 15 bit+sign with internal temperature Compensation

Supply voltage	
Load voltage L+	
● Rated value (DC)	24 V; From power module
● Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	30 mA
from backplane bus 3.3 V DC, max.	10 mA
Power loss	
Power loss, typ.	0.6 W
Address area	
Address space per module	
● Address space per module, max.	4 byte
Analog inputs	
Number of analog inputs	2
permissible input voltage for voltage input (destruction limit), max.	20 V; ±20 V, continuous
Cycle time (all channels) max.	Number of active channels per module x basic conversion time
Technical unit for temperature measurement adjustable	Yes; Celsius / Fahrenheit
Input ranges (rated values), voltages	
● -80 mV to +80 mV	Yes
— Input resistance (-80 mV to +80 mV)	1 MΩ
Input ranges (rated values), thermocouples	
● Type B	Yes
— Input resistance (Type B)	1 MΩ
● Type C	Yes
— Input resistance (Type C)	1 MΩ
● Type E	Yes
— Input resistance (Type E)	1 MΩ
● Type J	Yes
— Input resistance (type J)	1 MΩ
● Type K	Yes
— Input resistance (Type K)	1 MΩ
● Type L	Yes
— Input resistance (Type L)	1 MΩ
● Type N	Yes
— Input resistance (Type N)	1 MΩ
● Type R	Yes
— Input resistance (Type R)	1 MΩ
● Type S	Yes
— Input resistance (Type S)	1 MΩ

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