MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7231-7PD22-0XA8

THERMOCOUPLE ANALOG INPUT MODULE

Used with the applicable SIMATIC S7-200 CN configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6ES7231-7PD22-0XA8 technical data and applicable product instructions

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Data sheet 6ES7231-7PD22-0XA8



Figure similar

*** spare part *** SIMATIC S7-200 CN analog input EM 231, only for S7-22X CPU, 4 AI, +/-80 MV a. thermocouples Type J, K, S, T, R, E, N; 15 bit+sign this S7-200 CN product only has CE approval

Power loss	
Power loss, typ.	1.8 W
Analog inputs	
Number of analog inputs	4
Input ranges	
● Voltage	Yes
● Current	No
● Thermocouple	Yes
● Resistance thermometer	No
● Resistance	No
Analog value generation for the inputs	
Integration and conversion time/resolution per channel	
● Resolution with overrange (bit including sign), max.	16 bit; Temperature 0.1 °C / 0.1 °F
Dimensions	
Width	71.2 mm
Height	80 mm
Depth	62 mm

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