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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Inline terminal - IB IL AI/TEMP 4 RTD-PAC - 2897952

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Inline analog input terminal, complete with accessories (connector and labeling field), 4 inputs, 0 - 10 V, resistance sensor for temperature, 2-wire connection technology

Product Description

The terminal block has been developed for use in an Inline station. The terminal has four inputs that may be configured independently of each other and either for measuring voltages or resistances or for RTDs.
The sensors are connected using the 2-wire connection method, so that a nominal resistance of at least 1000W is recommended when sensors with a relatively small temperature coefficient (e.g., platinum sensors) are used. The resistance measurement with conversion into temperature values can be used for the temperature measurement with NTC resistors. The advantage of these resistors is a large temperature coefficient.

Why buy this product

- Voltage inputs 0 V ... 10 V
- Inputs for temperature measurements
- Connection of sensors in 2-wire technology
- Diagnostic and status indicators

RoHS

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width	12.2 mm
Height	140.5 mm

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Technical data

Dimensions

Depth	71.5 mm

Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

General

Mounting type	DIN rail
Net weight	68 g
Note on weight specifications	with connector

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s
Transmission physics	Copper

Standards and Regulations

Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Classifications

eCl@ss

eCl@ss 4.0	27240405
eCl@ss 4.1	27240405
eCl@ss 5.0	27242201
eCl@ss 5.1	27242601
eCl@ss 6.0	27242602
eCl@ss 7.0	27242602
eCl@ss 8.0	27242601
eCl@ss 9.0	27242601

ETIM

ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001596

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Classifications

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404