



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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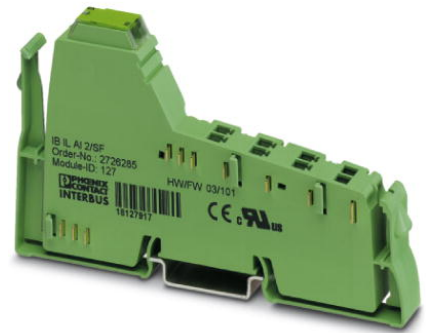
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IB IL AI 2/4-20-PAC

Order No.: 2862217

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2862217>

Terminal with two analog inputs

Commercial data

GTIN (EAN)	 4 017918 910044
sales group	K412
Pack	1 pcs.
Customs tariff	85389091

Product notes

WEEE/RoHS-compliant since:
11/07/2007

<http://www.download.phoenixcontact.com>
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Product description

The terminal is designed for use within an Inline station. It serves to measure voltage or current signals.

Features

- Two analog single-ended signal inputs for the connection of either voltage or current signals
- Connection of the sensors using the 2 or 3-wire system
- Three current measuring ranges: 0 mA to 20 mA, ± 20 mA, 4 mA to 20 mA
- Two voltage measuring ranges: 0 V to 10 V, ± 10 V

- Presetting of both channels to measuring range of 4 mA to 20 mA
- Configuration of the channels independently of one another via INTERBUS
- Measured values can be displayed in four different formats

Technical data

General data

Width	12.2 mm
Height	136.8 mm
Depth	71.5 mm
Weight	47 g
Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
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
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Interface

Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	500 kBaud
	500 kBaud
Transmission physics	Copper

Inline potential routing

Communications power U_L	7.5 V DC
Current consumption from U_L	max. 60 mA
	Typ. 45 mA
Current consumption from U_M	0 A DC
Current consumption from U_S	0 A DC
I/O supply voltage U_{ANA}	24 V DC
Current consumption from U_{ANA}	max. 18 mA
	Typ. 13.5 mA

Analog inputs

Number of inputs	max. 2 (single ended)
Connection method	2-wire (shielded)
Input name	Analog inputs
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
	-20 mA ... 20 mA
Voltage input signal	0 V ... 10 V
	-10 V ... 10 V
Number of inputs	4 (single-ended voltage inputs)
Voltage input signal	0 V ... 10 V
	-10 V ... 10 V
Number of inputs	4 (single-ended current inputs)
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
	-20 mA ... 20 mA

Certificates / Approvals



Certification CUL, UL

Accessories

Item	Designation	Description
Marking		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
Plug/Adapter		
2740245	IB IL SCN 6-SHIELD-TWIN	Inline shield connector
2726353	IB IL SCN-6 SHIELD	Inline shield connector

Address

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