

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









IB IL 24 DI 16-ME

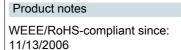
Order No.: 2897156



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2897156

Inline digital input terminal, Inline ME versions (machine edition) complete with accessories (connector and labeling field), 16 inputs, 24 V DC, 2, 3-conductor connection method

Commercial data	
GTIN (EAN)	4 046356 148207
sales group	K411
Pack	4 pcs.
Customs tariff	85389091
Catalog page information	Page 292 (AX-2009)





http://
www.download.phoenixcontact.com
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
General Terms and Conditions of

Use apply to Internet downloads.

Technical data

General data

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions

Weight	122 g
Note on weight specifications	Without plug
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
Test section	5 V supply incoming remote bus/7.5 V supply (bus logic) 500 V AC 50 Hz 1 min
	5 V supply outgoing remote bus/7.5 V supply (bus logic) 500 V AC 50 Hz 1 min
	7.5 V supply (bus logics)/24 V supply (I/O) 500 V AC 50 Hz 1 mir
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

Fieldbus system	Lokalbus
Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	500 kBaud
	500 kBit/s (automatic recognition)

Power supply for module electronics

Supply voltage	24 V DC (via voltage jumper)
Supply voltage range	19.2 V DC 30 V DC (including all tolerances, including ripple)
Communications power U _L	7.5 V (via voltage jumper)
Current consumption	max. 60 mA (from the local bus)

Inline potential routing

Communications power U _L	7.5 V DC
Current consumption from $U_{\scriptscriptstyle L}$	max. 60 mA
Segment supply voltage U _s	24 V DC (nominal value)
Current consumption from U _s	max. 4 A
Current consumption from U _{ANA}	0 A DC

Digital inputs

Input name	Digital inputs
Description of the input	EN 61131-2 type 1
Type of connection	Spring-cage connection
Connection method	2, 3-wire
Number of inputs	16
Typical response time	< 1 ms
Protective circuit	Short-circuit and overload protection
Input voltage	24 V DC (via voltage jumper)
Input voltage range "0" signal	-3 V DC 5 V
Input voltage range "1" signal	15 V DC 30 V DC

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

Address

PHOENIX CONTACT Deutschland GmbH Flachsmarktstr. 8 32825 Blomberg,Germany Phone +49 5235 3 12000 Fax +49 5235 3 41200 http://www.phoenixcontact.de



© 2011 Phoenix Contact Technical modifications reserved;