

I/O module - ILB IB 24 DI16-DSUB - 2878421

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Inline Block IO digital input module, INTERBUS, 16 inputs, 24 V DC, 2, 3-wire connection technology



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 048569
GTIN	4046356048569

Technical data

Dimensions

Width	95 mm
Height	141 mm
Depth	57 mm
Note on dimensions	Specifications with connectors

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	max. 85 % (non-condensing)
Permissible humidity (storage/transport)	95 % (non-condensing)
Air pressure (operation)	80 kPa ... 108 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above sea level)
Degree of protection	IP20

General

Mounting type	DIN rail
Net weight	263.56 g
Note on weight specifications	with connectors
Mounting type	NS 35/7,5

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Technical data

Interfaces

Designation	INTERBUS
Connection method	D-SUB-9 female/D-SUB-9 male
Transmission speed	500 kbps

Digital inputs

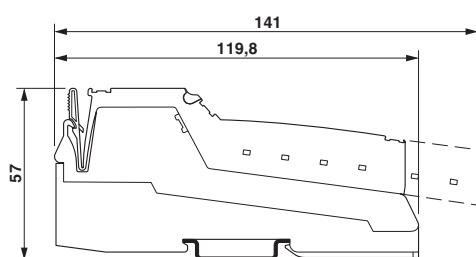
Input name	Digital inputs
Connection method	Spring-cage connection
Connection technology	2, 3-wire
Number of inputs	16 (EN 61131-2 type 1)
Typical response time	approx. 500 µs
Type of protection	Short-circuit protection, overload protection of the sensor supply

Standards and Regulations

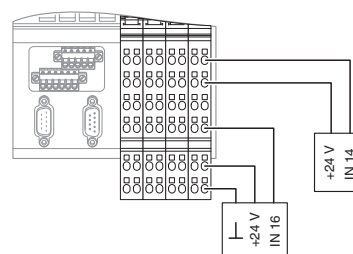
Noise emission	Class B (residential)
Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Drawings

Dimensional drawing



Connection diagram



Mouser Electronics

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