

I/O module - ILB IB 24 DO32 - 2862369

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Inline Block IO digital output module, INTERBUS, 32 outputs, 24 V DC, 500 mA, 2, 3-wire connection technology



Why buy this product

- ✓ 32 digital outputs
- ✓ Connection of actuators in 2 and 3-wire technology
- ✓ Nominal current per output: 500 mA
- ✓ Total current of the terminal: 16 A
- ✓ Short-circuit-proof and overload-protected outputs
- ✓ Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 923846
Weight per Piece (excluding packing)	510.0 g
Custom tariff number	85389091
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Note

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

Dimensions

Width	156 mm
Height	140.5 mm
Depth	57 mm
Note on dimensions	Specifications with connectors

I/O module - ILB IB 24 DO32 - 2862369

Technical data

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 mean sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above mean sea level)
Degree of protection	IP20

General

Net weight	510 g
Note on weight specifications	with connectors
Mounting type	DIN rail
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	I/Os / incoming remote bus 500 V AC 50 Hz 1 min
	I/Os / outgoing remote bus 500 V AC 50 Hz 1 min
	I/O area / FE 500 V AC 50 Hz 1 min
	Incoming remote bus / FE 500 V AC 50 Hz 1 min
	Outgoing remote bus / FE 500 V AC 50 Hz 1 min
	Incoming remote bus / outgoing remote bus 500 V AC 50 Hz 1 min
Conformance with EMC directives	EN55022:1998+A1:2000 Class B
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

Interfaces

Fieldbus system	INTERBUS
Designation	INTERBUS
Connection method	Inline connector
Transmission speed	500 kBit/s

Power supply for module electronics

Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Supply current	85 mA
Current consumption	approx. 85 mA

Digital outputs

Output name	Digital outputs
Connection method	Spring-cage connection
	2, 3-wire
Number of outputs	32
Protective circuit	Short-circuit and overload protection
Output voltage	24 V DC

I/O module - ILB IB 24 DO32 - 2862369

Technical data

Digital outputs

Nominal output voltage	24 V DC
Maximum output current per channel	500 mA
Maximum output current per module / terminal block	16 A
Maximum output current per module	16 A
Nominal load, inductive	12 VA
Nominal load, lamp	12 W
Nominal load, ohmic	12 W

Classifications

eCl@ss

eCl@ss 4.0	27250302
eCl@ss 4.1	27250302
eCl@ss 5.0	27250302
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / INTERBUS CLUB / cULus Recognized

Ex Approvals

UL Listed / cUL Listed / cULus Listed

I/O module - ILB IB 24 DO32 - 2862369

Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

INTERBUS CLUB

cULus Recognized 

Accessories

Accessories

End block

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Plug

I/O module - ILB IB 24 DO32 - 2862369

Accessories

Inline connector - ILB SCN-12-PWR IN-CP - 2863164

Long power connector, color coded, for Inline Block I/O



Inline connector - IB IL SCN-12-OCP - 2727624

Connector, colored identification, for digital 4, or 16-channel Inline output terminal blocks



Inline shield connector - IB IL SCN-6 SHIELD-CP - 2863151

Shield connector, for INTERBUS connection



Terminal marking

Insert strip - ESL 62X10 - 0809492

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm



Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618

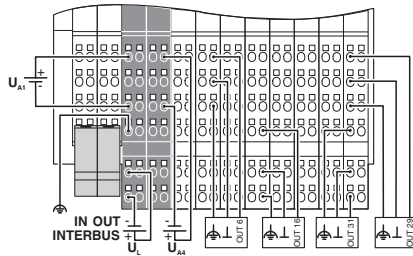
Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm



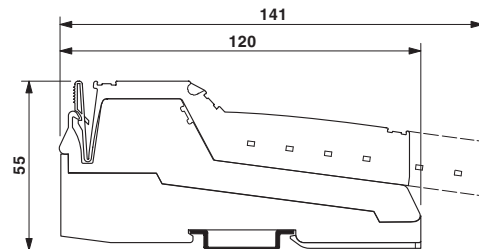
Drawings

I/O module - ILB IB 24 DO32 - 2862369

Connection diagram



Dimensional drawing



The illustration shows the general dimensional drawing of the Inline Block I/O product family