

I/O module - ILB IB 24 DO16 - 2862356

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, INTERBUS, Inline shield connector, Digital outputs: 16, 24 V DC, 500 mA, connection method: 3-wire, degree of protection: IP20, including Inline connector




The figure shows the version ILB IB 24 DO32

Your advantages

- 16 digital outputs
- Connection of actuators in 2 and 3-wire technology
- Nominal current per output: 500 mA
- Total current of the terminal: 8 A
- Short-circuit-proof and overload-protected outputs
- Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 943073
GTIN	4017918943073
Weight per Piece (excluding packing)	360.000 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

Dimensions

Caption	The figure shows the general dimensional drawing of the Inline Block IO product family
Width	95 mm

I/O module - ILB IB 24 DO16 - 2862356

Technical data

Dimensions

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
Color	green
Net weight	300 g
Note on weight specifications	with connectors

Interfaces

Designation	INTERBUS
Connection method	Inline shield connector
Transmission speed	500 kbps

Digital outputs

Output name	Digital outputs
Connection method	Spring-cage connection
Connection technology	3-wire
Number of outputs	16
Protective circuit	Short-circuit and overload protection
Output voltage	24 V DC
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
Limitation of the voltage induced on circuit interruption	approx. -36 V

I/O module - ILB IB 24 DO16 - 2862356

Technical data

Electrical isolation

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.

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
Connection in acc. with standard	CUL
Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

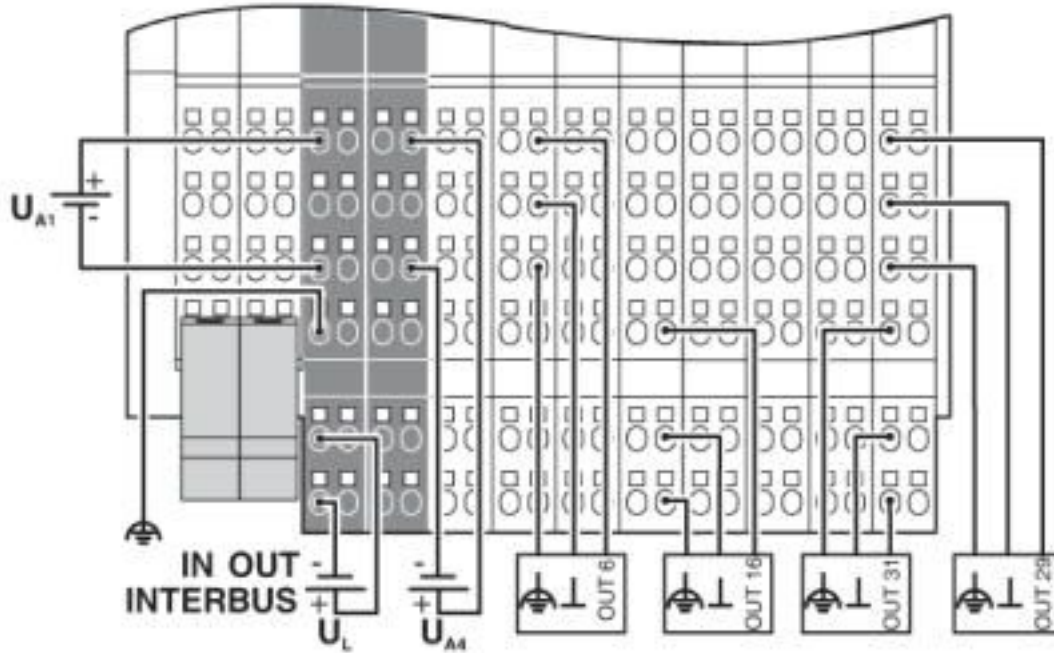
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

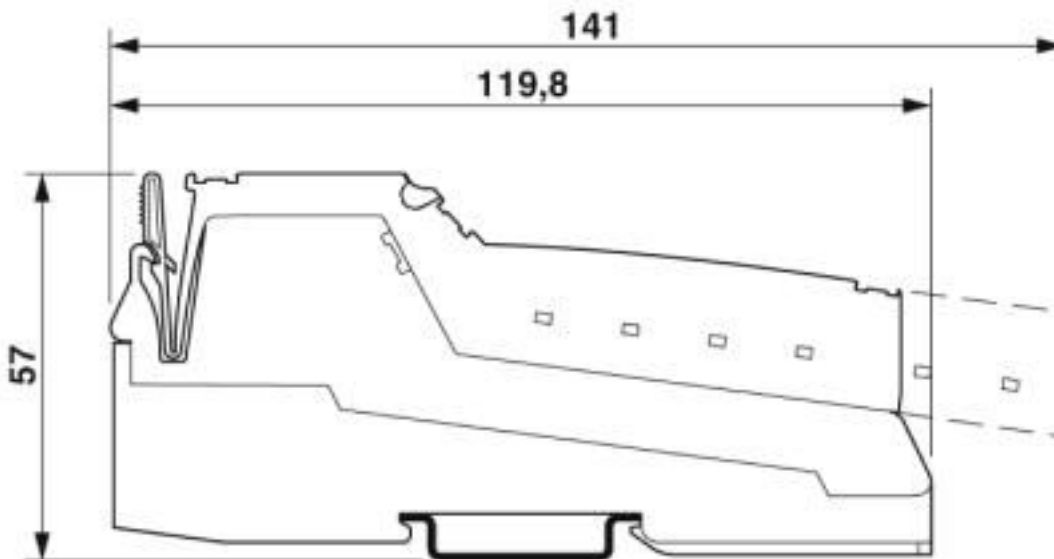
Drawings

I/O module - ILB IB 24 DO16 - 2862356

Connection diagram



Dimensional drawing



The figure shows the general dimensional drawing of the Inline Block IO product family

I/O module - ILB IB 24 DO16 - 2862356

Classifications

eCl@ss

eCl@ss 10.0.1	27242604
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599
ETIM 6.0	EC001599
ETIM 7.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Accessories

Accessories

End block

I/O module - ILB IB 24 DO16 - 2862356

Accessories

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

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

Long power connector, color coded, for Inline Block IO



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



I/O module - ILB IB 24 DO16 - 2862356

Accessories

Terminal marking

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72

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



Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5 x 5.5 mm, Number of individual labels: 100
