

ILB PB 24 DO32

Order No.: 2862408



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



Commercial data

EAN	 4 017918 923877
Pack	1
Customs tariff	85389091
Gross weight in pieces	470.86 g
Country of Origin	DE
Catalog page information	Page 165 (AX-2011)

Product notes

WEEE/RoHS-compliant since:
20/11/2006



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Technical data

General data

Width	156 mm
Height	141.1 mm
Depth	57 mm
Note on dimensions	Specifications with male connectors
Weight	510 g
Note on weight specifications	with male connectors

Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	85 % (no condensation)
Permissible humidity (storage/transport)	95 % (no condensation)
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
Test section	I/Os / PROFIBUS 500 V AC 50 Hz 1 min
	I/O area / FE 500 V AC 50 Hz 1 min
	PROFIBUS / FE 500 V AC 50 Hz 1 min
Conformance with EMC directives	EN 55011:1998+A1:1999 Class A
Noise emission	Industrial environment
Mechanical tests	Vibration (operation) in acc. with IEC 60068-2-6:1982 5g
	Shock test in acc. with IEC 60068-2-27 25g

Interface

Fieldbus system	PROFIBUS DP
Name	PROFIBUS DP
Connection method	D-SUB-9 female connector
Transmission speed	9.64 kbaud to 12 Mbaud
	9,6 kBit/s ... 12 MBit/s
Number of positions	9

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	70 mA
Current consumption	approx. 70 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

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

Certificates



Certification cULus Recognized, PROFIBUS

Certification Ex: cULus Listed

Certifications applied for:

Accessories

Item	Designation	Description
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Assembly

3022276	CLIPFIX 35-5	Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, can be fitted with ZB 5 and ZBF 5 zack marker strip, KLM 2, KLM3, and KML3L terminal strip marker, parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray
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Marking

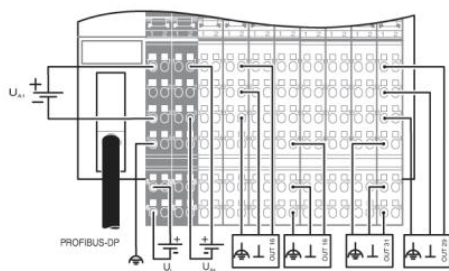
0809492	ESL 62X10	Insert strip, Sheet, white, Unlabeled, Can be labeled with: Office-Drucksysteme, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
0808778	ZBF 6:SO/CMS	Zack Marker strip, flat, white, For terminal block width: 6.2 mm
0803618	ZBFM 6/WH:UNBEDRUCKT	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
0803650	ZBFM 6:SO/CMS	Flat zack marker sheet, white, For terminal block width: 6.2 mm

Plug/Adapter

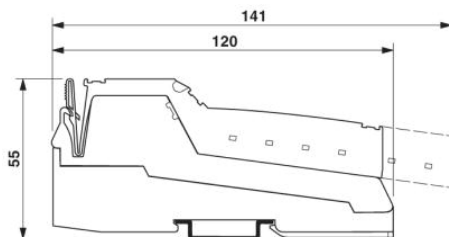
2727624	IB IL SCN-12-OCP	Connector, colored identification, for digital 4, or 16-channel Inline output terminal blocks
2863164	ILB SCN-12-PWR IN-CP	Long power connector, color coded, for Inline Block I/O
2744348	SUBCON-PLUS-PROFIB	D-SUB connector, 9-pos., male connector, two cable entries < 35°, bus system: PROFIBUS DP up to 12 Mbps, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; spring-cage connection terminal blocks

Drawings

Connection diagram



Dimensioned drawing



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

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