I/O module - ILB CO 24 DI16 DO16 - 2862592

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Inline, Block IO, CANopen®, D-SUB-9 female connector, Digital inputs: 16 , 24 V DC, connection method: 3-wire, Digital outputs: , 24 V DC, 500 mA, connection method: 3-wire, degree of protection: IP20, including Inline connector

Your advantages

- 16 outputs, 24 V DC, 500 mA
- 16 inputs, 24 V DC
- D-SUB bus connection

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 939113
GTIN	4017918939113
Weight per Piece (excluding packing)	500.000 g
Custom tariff number	85389091
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Caption	The figure shows the general dimensional drawing of the Inline Block IO product family
Width	156 mm
Height	141 mm
Depth	57 mm
Note on dimensions	Specfications with connectors

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

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Technical data

Ambient conditions

Permissible humidity (operation)	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	500 g
Note on weight specifications	with connectors
Mounting type	NS 35/7,5

Interfaces

Designation	CANopen®
Connection method	D-SUB-9 female connector
Transmission speed	10 kbps ... 1 Mbps
Number of positions	9

Digital inputs

Input name	Digital inputs
Description of the input	EN 61131-2 type 1
Connection method	Spring-cage connection
Connection technology	3-wire
Number of inputs	16
Typical response time	approx. 500 µs
Protective circuit	Short-circuit protection, overload protection of the sensor supply
Nominal input voltage U_{IN}	24 V DC
Nominal input current at U_{IN}	5 mA
Input voltage	24 V DC
Input voltage range "0" signal	-30 V DC ... 5 V DC
Input voltage range "1" signal	15 V DC ... 30 V DC

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	8 A
Maximum output current per module	8 A

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Technical data

Digital outputs

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

Electrical isolation

Test section	I/Os / logic 500 V AC 50 Hz 1 min.
	I/Os / FE 500 V AC 50 Hz 1 min.
	Logic / functional earth ground 500 V AC 50 Hz 1 min.

Standards and Regulations

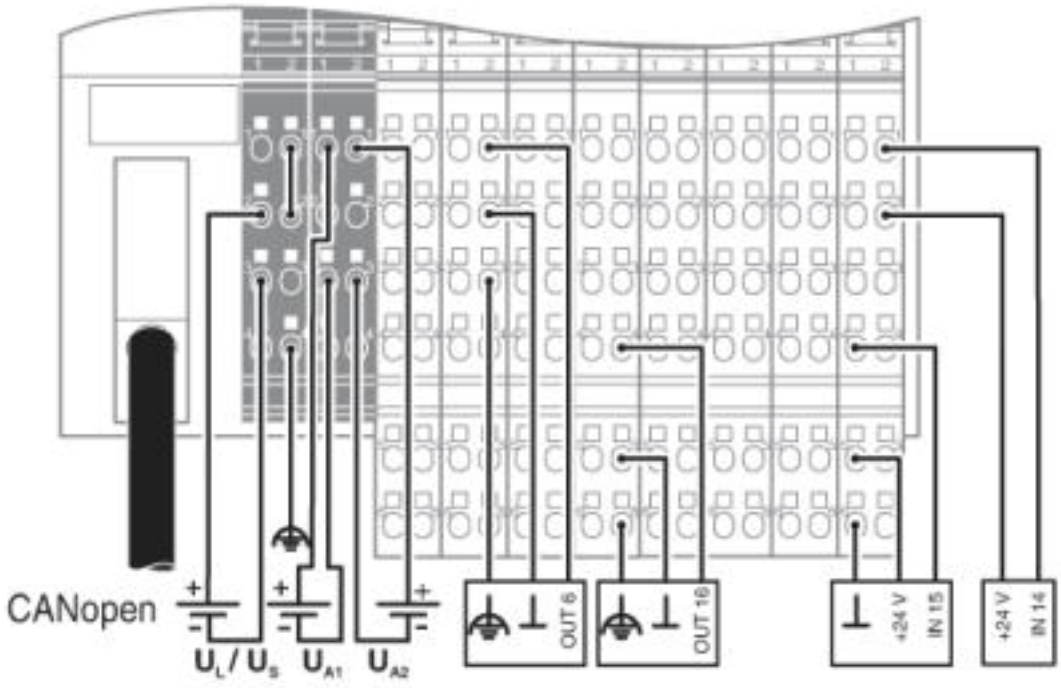
Noise emission	Industrial environment
Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
Connection in acc. with standard	CUL

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Connection diagram



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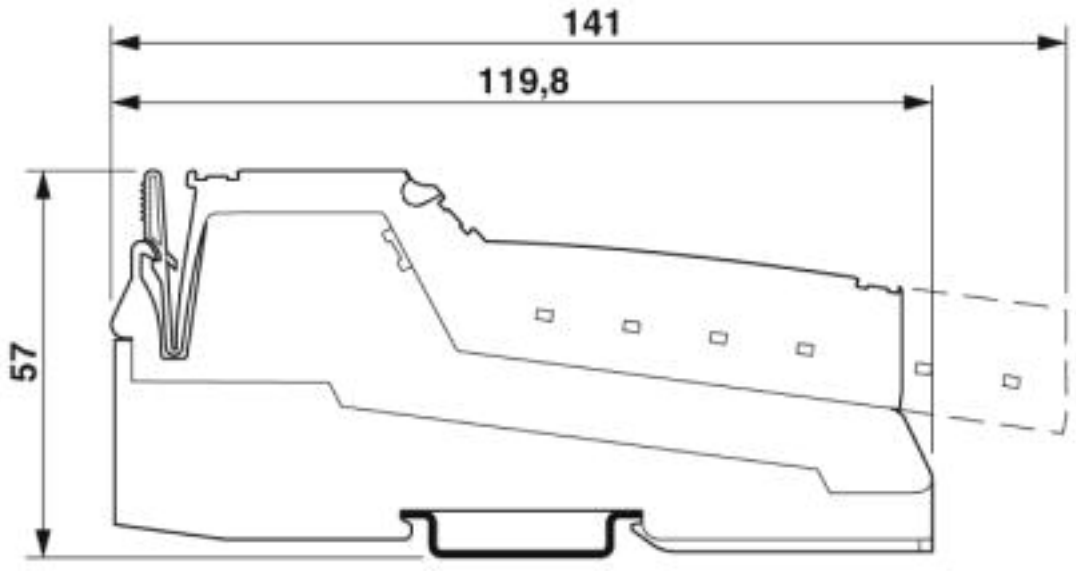
Dimensional drawing



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

Classifications

eCl@ss

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

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Classifications

UNSPSC

UNSPSC 13.2	32151602

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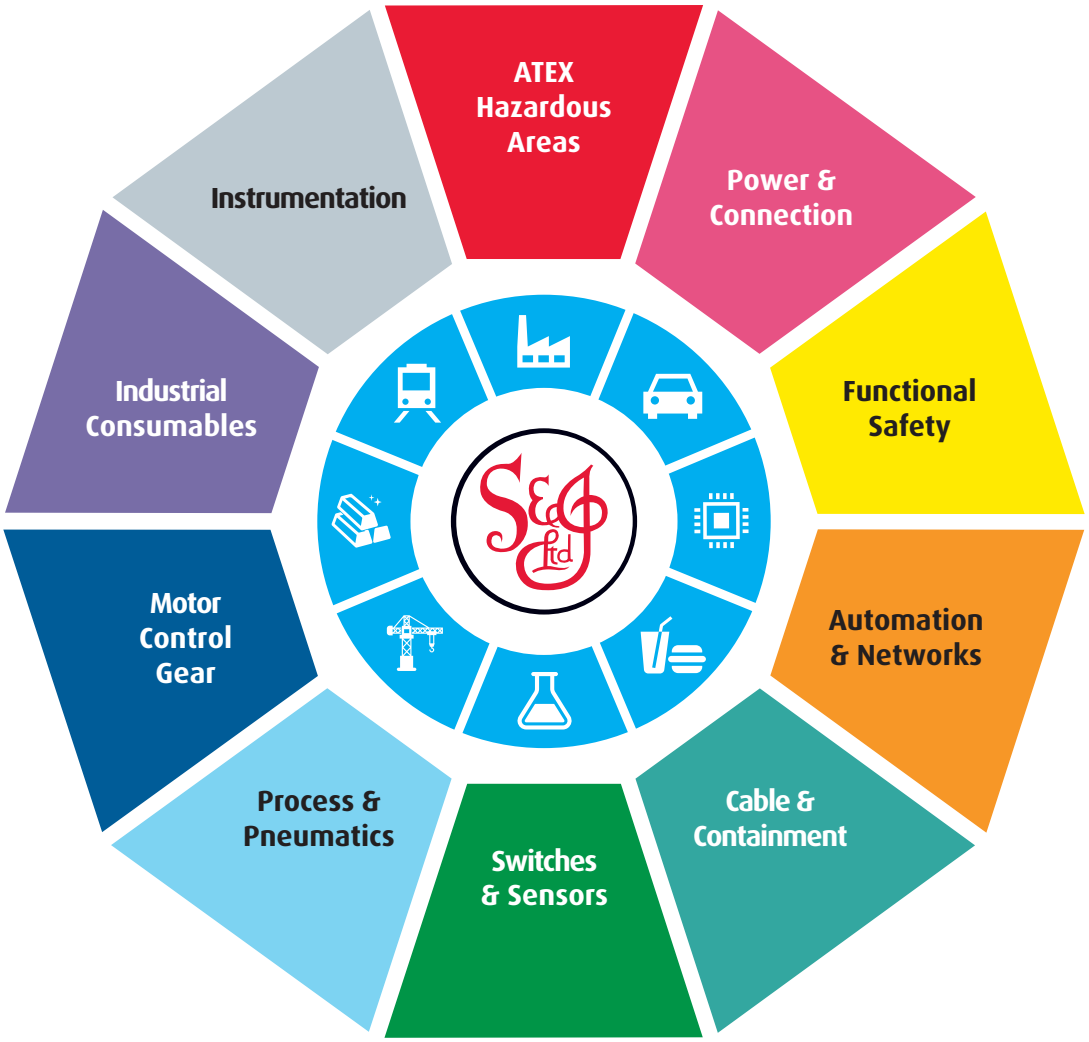

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