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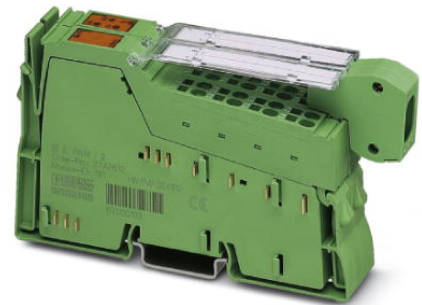
For any questions, you can email us directly:
sales@integrated-circuit.com



Extract from the online catalog

IB IL PWM/2-PAC


Order No.: 2861632



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861632>

Inline function terminal for pulse width and frequency modulation or activation of impulse-driven motor control parts with pulse/direction interface, two outputs for 5 V or 24 V

Commercial data

GTIN (EAN)	 4 017918 948313
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 301 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
11/27/2007



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Product description

Inline terminal IB IL PWM/2 offers the capability of pulse width modulation (PWM) of the output signals. It features two independently operating channels. Each of the two output signals is available as a 5 V and as a 24 V signal.

Depending on the operating mode, either the high-phase of the period, the period duration, or the frequency can be set. The following four operating modes are supported:

- Pulse width modulation

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- Frequency range
- Single shot and
- Pulse/direction signal outputs

Function blocks are available for integrating the above-mentioned function terminals in PC WorX and STEP 7.

Technical data
General data

Weight	130 g
Number of connectors	2
Degree of protection	IP20
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Connection data	Inline connectors Spring-cage connection 0.08 mm ² 1.5 mm ² 0.08 mm ² 1.5 mm ² 28 16
Width	24.4 mm
Height	136.8 mm
Depth	71.5 mm

Interfaces

Interface	Inline local bus
Type of connection	Inline data jumper
Transmission speed	500 kBit/s
Transmission physics	Copper

Power supply

Typical current consumption	100 mA
I/O voltage	24 V DC (via voltage jumper)
Ripple	5 %
Peripherals voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)

Electrical isolation

Test section	5 V supply, incoming remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	5 V supply, outgoing remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	7.5 V supply (bus logics)/24 V supply (I/O) 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

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Counter input

Number of inputs	0
Operating mode	PWM, frequency generator, single-shot, pulse/direction signal

Control input

Number of inputs	0
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Outputs

Number of outputs	2
Connection method	2-wire (shielded)
Output voltage	5 V DC
Output current	10 mA (5 V); 500 mA (24 V)

Inline potential routing

Communications power U_L	7.5 V (via voltage jumper)
Current consumption from U_L	max. 130 mA
Segment supply voltage U_S	24 V DC (nominal value)
Current consumption from U_S	max. 1 A

Certificates / Approvals


Certification ABS, DNV, GL

Certifications applied for: UL Listed / CUL Listed / LR / BV

Accessories

Item	Designation	Description
Marking		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

Plug/Adapter

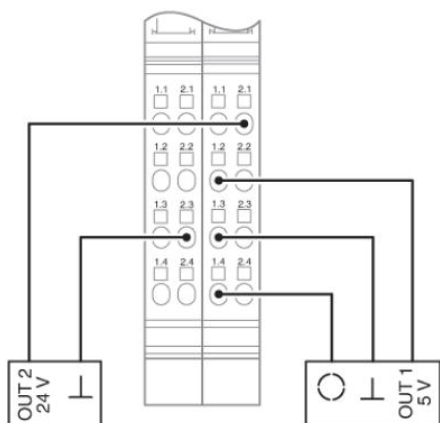
2732664	IB IL AO/CNT-PLSET	Connector set
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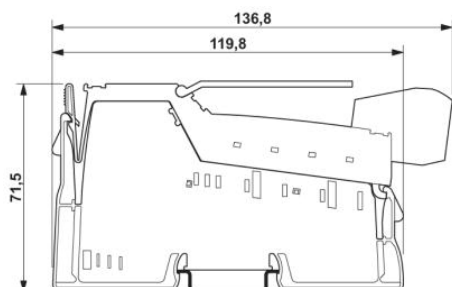
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Diagrams/Drawings

Connection diagram



Dimensioned drawing



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