

# IB IL 24 PWR IN/R-PAC


Order No.: 2861674



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861674>

Inline power terminal or boost terminal, complete with accessories (connector and labeling field), 24 V DC, without fuse



Commercial data	
GTIN (EAN)	 4 017918 894511
sales group	K417
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 174 (AX-2011)

### Product notes

WEEE/RoHS-compliant since:  
01/14/2008



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### Product description

The terminal is designed for use within an Inline station. When the maximum current carrying capacity of the voltage jumper  $U_L$  has been reached, this terminal can be used to supply the logics voltage again. A 24 V DC voltage ( $U_{24V}$ ) is applied to the terminal. This provides the logics voltage ( $U_L$ ) and the supply voltage for the analog terminals ( $U_{ANA}$ ). The terminal also allows the 24 V DC main voltage ( $U_M$ ) and the 24 V DC segment voltage ( $U_S$ ) to be supplied.

### Features

- All 24 V DC voltages necessary for the low-level signal level of an Inline station can be supplied

– Diagnostics displays

### Technical data

#### Interfaces

Connection method	8-pos. Inline power connector
Interface	Supply voltage

#### Power supply

I/O voltage	24 V DC
Peripherals voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Max. current consumption	8 A
Fuse	(electrical/thermal overload protection, included in scope of delivery)

#### General data

Type of protection	Polarity reversal protection, surge protection, overload protection, (with fuse)
Weight	132 g
Number of connectors	4
Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm

#### Inline potential routing

Communications power $U_L$	7.5 V DC $\pm 5\%$ (via voltage jumper)
Power supply at $U_L$	2 A DC (observe derating)
Main circuit supply $U_M$	24 V DC
Power supply at $U_M$	8 A (nominal value)
Segment supply voltage $U_S$	24 V DC
Power supply at $U_S$	8 A (nominal value)
I/O supply voltage $U_{ANA}$	24 V DC $-15\%$ / $+20\%$
Power supply at $U_{ANA}$	0.5 A DC (observe derating)

### Certificates / Approvals



Certification

ABS, BV, CUL, DNV, GL, GOST, LR, UL

**Accessories**

Item	Designation	Description
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**Marking**

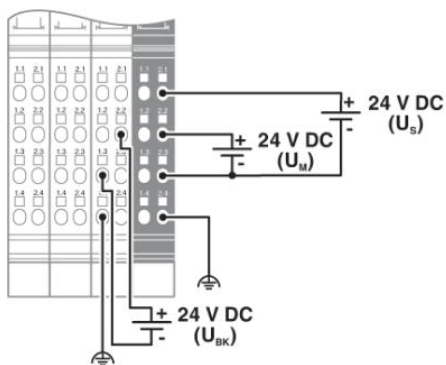
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

**Plug/Adapter**

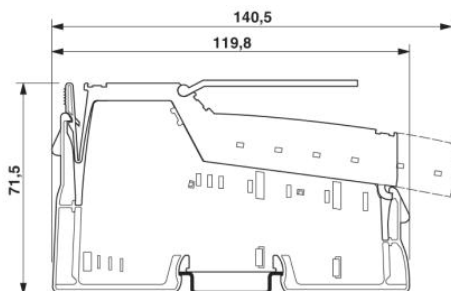
2860620	IB IL PWR IN/R-PLSET	Connector set, for power terminal block, copper, colored identification.
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**Diagrams/Drawings**

Connection diagram



Dimensioned drawing



**Address**

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