

# 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)               | <br>4 017918 894511 |
| sales group              | K417  |
| Pack                     | 1 pcs.  |
| Customs tariff           | 85389091  |
| Catalog page information | Page 267 (AX-2009)  |

### Product notes

WEEE/RoHS-compliant since:  
07/10/2008



<http://www.download.phoenixcontact.com>  
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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

|                    |                               |
|--------------------|-------------------------------|
| Type of connection | 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 |
|------|-------------|-------------|
|------|-------------|-------------|

**Marking**

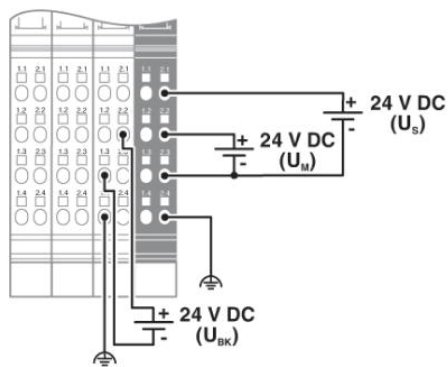
|         |               |   |
|---------|---------------|---|
| 0809492 | ESL 62X10     | Insert strip for laser printer, lettering field: 62 x 10 mm |
| 2727501 | IB IL FIELD 2 | Labeling field, width: 12.2 mm                              |

**Plug/Adapter**

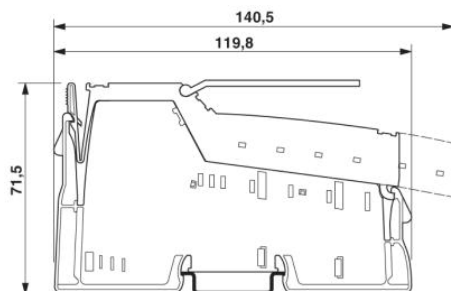
|         |                      |  |
|---------|----------------------|--|
| 2860620 | IB IL PWR IN/R-PLSET | Connector set, for power terminal block, copper, colored identification. |
|---------|----------------------|--|

**Diagrams/Drawings**

Connection diagram



Dimensioned drawing



**Address**

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