

# Inline terminal - IB IL 24 PWR IN/2-F-D-PAC - 2862152

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Inline power terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse (Main and segment voltage) and diagnostics

The illustration shows the version IB IL 24 PWR IN/F-PAC

## Product Features

- Supply of the 24 V main voltage UM
- Provision of the 24 V segment voltage US
- Protection of the segment circuit using an electronic fuse with short-circuit current limitation
- Diagnostic and status indicators



## Key commercial data

|                         |               |
|-------------------------|---------------|
| <b>package_quantity</b> | 1             |
| <b>GTIN</b>             | 4017918894641 |

## Technical data

### Note

|                                |                                                                           |
|--------------------------------|---------------------------------------------------------------------------|
| <b>Utilization restriction</b> | EMC: class A product, see manufacturer's declaration in the download area |
|--------------------------------|---------------------------------------------------------------------------|

### Dimensions

|               |          |
|---------------|----------|
| <b>Width</b>  | 12.2 mm  |
| <b>Height</b> | 119.8 mm |
| <b>Depth</b>  | 71.5 mm  |

### Interfaces

|                          |                    |
|--------------------------|--------------------|
| <b>Connection method</b> | Inline data jumper |
| <b>Interface</b>         | Inline local bus   |

### Power supply

|                                           |                                                                    |
|-------------------------------------------|--------------------------------------------------------------------|
| <b>Communications power U<sub>L</sub></b> | 7.5 V DC (via voltage jumper)                                      |
| <b>Typical current consumption</b>        | 30 mA                                                              |
| <b>I/O voltage</b>                        | 24 V DC                                                            |
| <b>I/O voltage range</b>                  | 19.2 V DC ... 30 V DC (including all tolerances, including ripple) |
| <b>Max. current consumption</b>           | 4 A                                                                |
| <b>Fuse</b>                               | SI 5 x 20 6, 300 AT (in scope of delivery)                         |

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## Technical data

### General

|                      |                                       |
|----------------------|---------------------------------------|
| Type of protection   | Polarity protection, surge protection |
| Weight               | 44 g                                  |
| Number of connectors | 1                                     |

### Inline potentials

|                                    |                                         |
|------------------------------------|-----------------------------------------|
| Communications power $U_L$         | 7.5 V DC $\pm 5\%$ (via voltage jumper) |
| Current consumption from $U_L$     | max. 25 mA                              |
| Main circuit supply $U_M$          | 24 V DC (nominal value)                 |
| Power supply at $U_M$              | 4 A (nominal value)                     |
| Segment supply voltage $U_S$       | 24 V DC                                 |
| Power supply at $U_S$              | 4 A (nominal value)                     |
| Current consumption from $U_{ANA}$ | 0 A DC                                  |

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250308 |
| eCl@ss 4.1 | 27250304 |
| eCl@ss 5.0 | 27250304 |
| eCl@ss 5.1 | 27242610 |
| eCl@ss 6.0 | 27242610 |
| eCl@ss 7.0 | 27242610 |
| eCl@ss 8.0 | 27242610 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001433 |
| ETIM 3.0 | EC001600 |
| ETIM 4.0 | EC001600 |
| ETIM 5.0 | EC001600 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

## approvals

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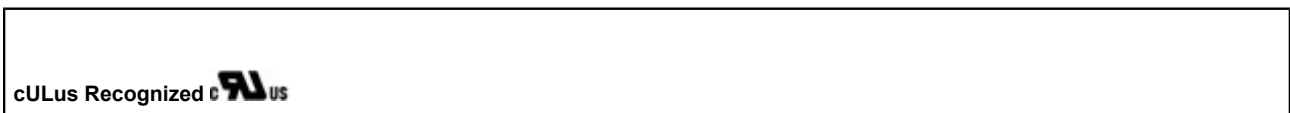
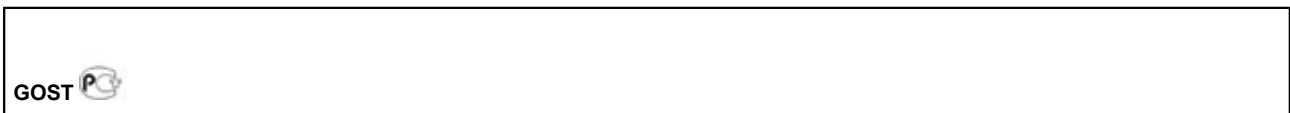
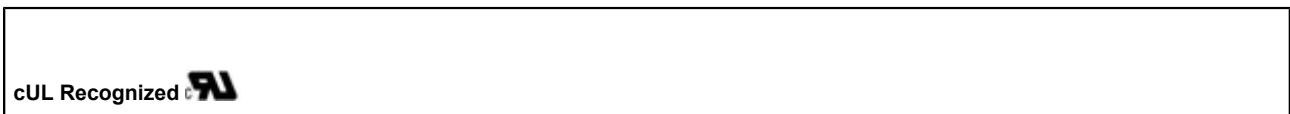
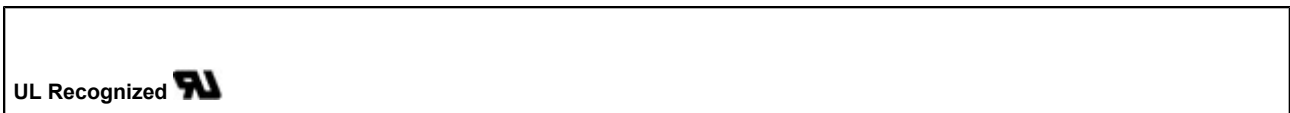
ATEX / UL Recognized / cUL Recognized / GOST / cULus Recognized /

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### Approval details

# Inline terminal - IB IL 24 PWR IN/2-F-D-PAC - 2862152

approvals



accessories

## Plug

IB IL SCN-PWR IN-CP - 2727637



IB IL SCN-PWR IN - 2727462



## Labeling panel

## Inline terminal - IB IL 24 PWR IN/2-F-D-PAC - 2862152

accessories

IB IL FIELD 2 - 2727501



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### Terminal marking

ESL 62X10 - 0809492

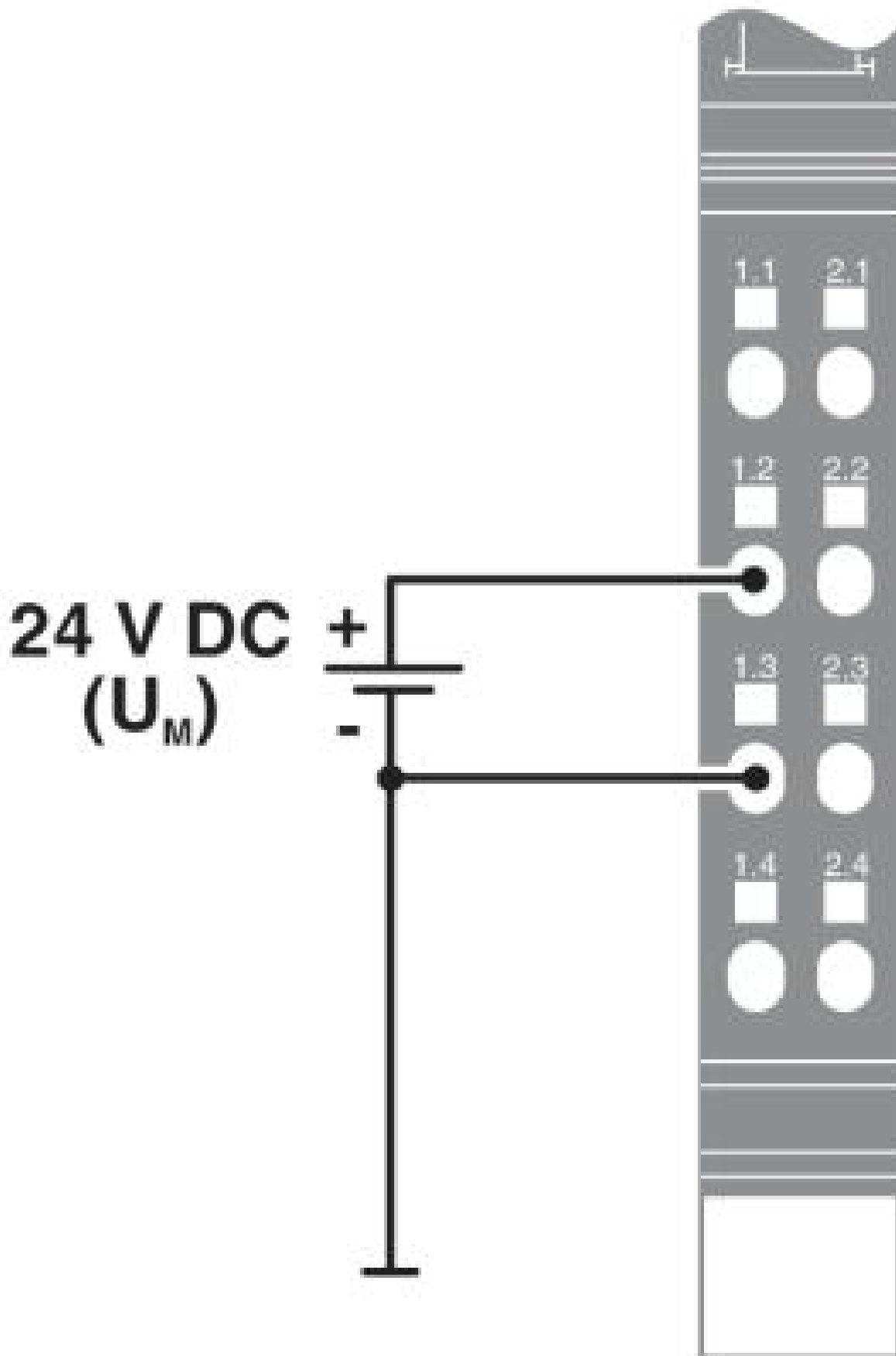


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### Drawings

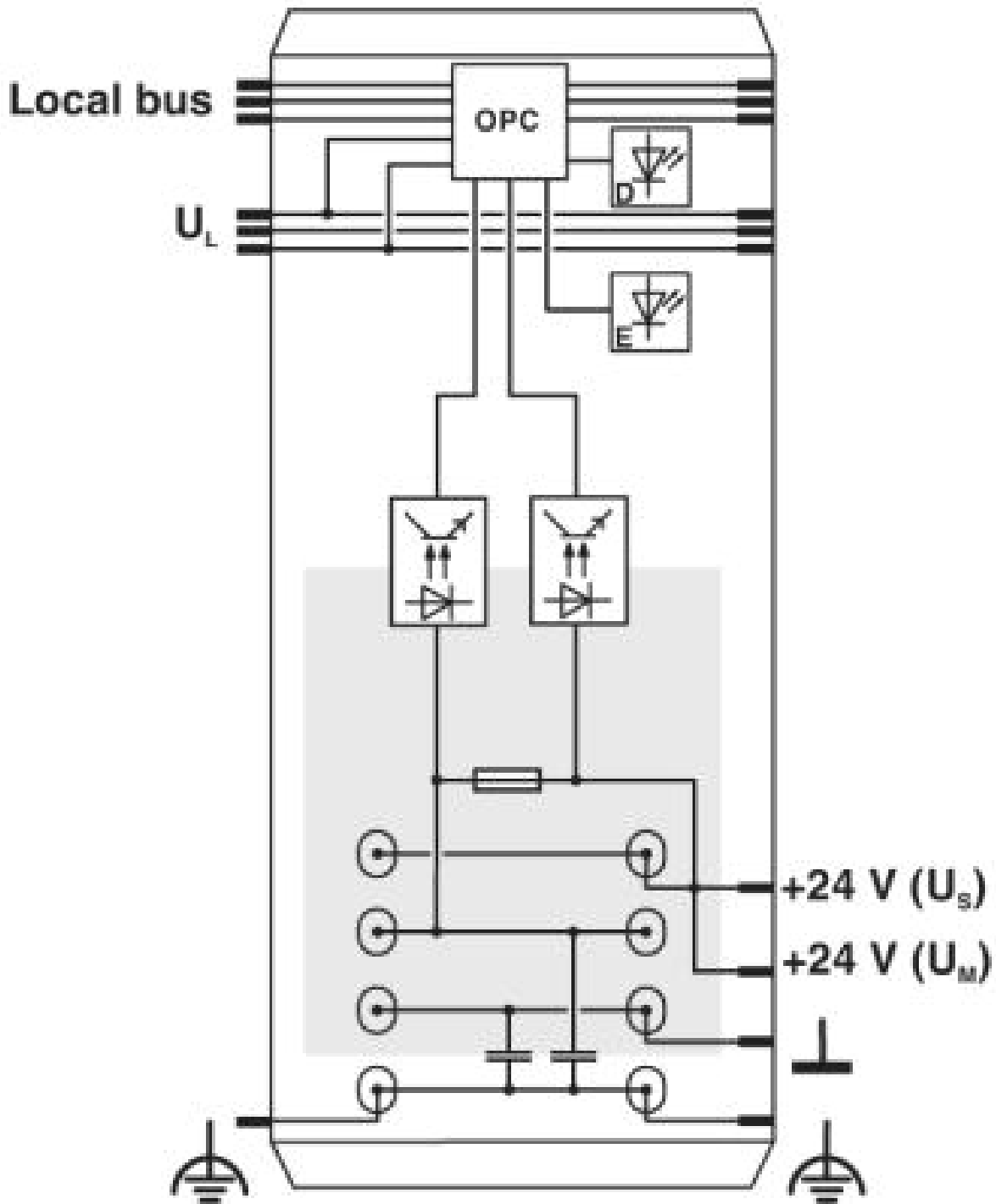
# Inline terminal - IB IL 24 PWR IN/2-F-D-PAC - 2862152

Connection diagram



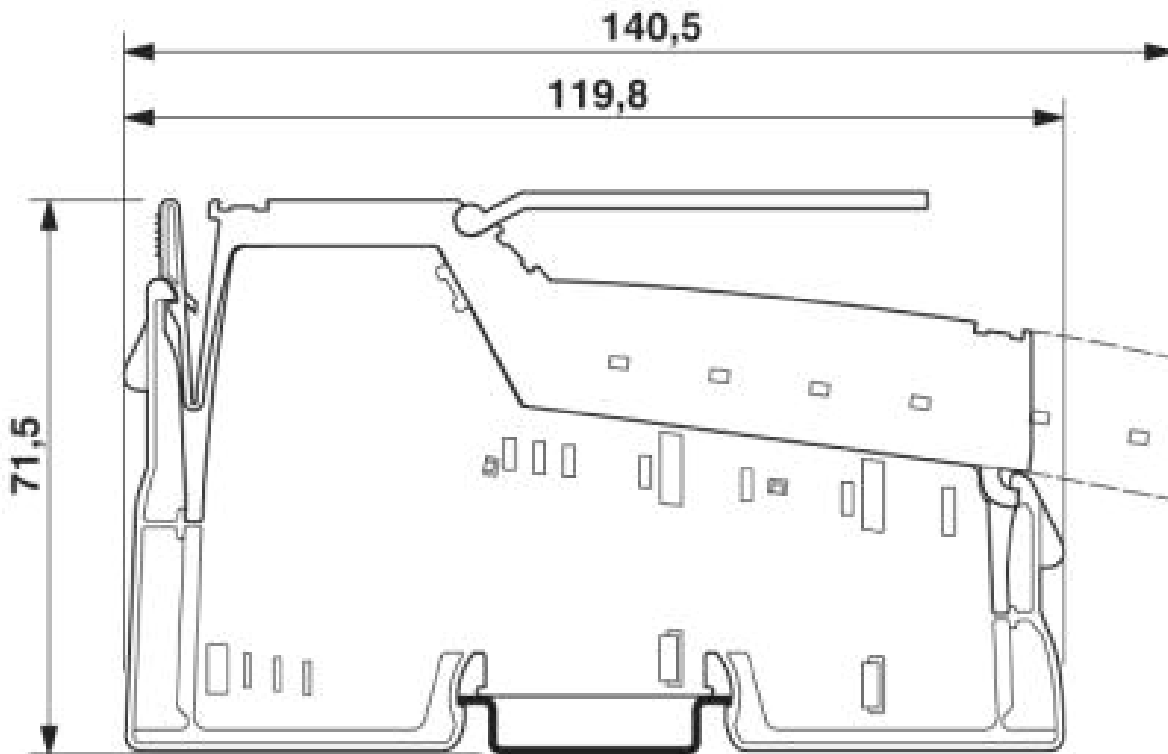
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Block diagram



# Inline terminal - IB IL 24 PWR IN/2-F-D-PAC - 2862152

Dimensioned drawing



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