

## Inline terminal - IB IL 24 SEG/F-PAC - 2861373

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Inline segment terminal, complete with accessories (connector and labeling field), 24 V DC, with fuse

### Product Description

The terminal is designed for use within an Inline station.  
 This terminal can be used to create a protected partial circuit (segment circuit) within a main circuit.  
 The internal fuse protects the segment circuit.  
 The terminal is not used for voltage supply. It therefore does not have any elements for protection against polarity reversal and surge voltage.

### Your advantages

- Automatic creation of a segment circuit in the main circuit
- Segment circuit protected by an internal fuse
- Diagnostic and status indicators



- MUXE

### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4017918894313 |

### Technical data

#### Note

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

#### Dimensions

|        |          |
|--------|----------|
| Width  | 12.2 mm  |
| Height | 119.8 mm |
| Depth  | 71.5 mm  |

#### Interfaces

|                   |                    |
|-------------------|--------------------|
| Connection method | Inline data jumper |
| Interface         | Inline local bus   |

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### Technical data

#### Power supply

|                          |  |
|--------------------------|--|
| I/O voltage              | 24 V DC                                    |
| I/O voltage range        | 19.2 V DC ... 30 V DC                      |
| Max. current consumption | 6 A  |
| Fuse                     | SI 5 x 20 6, 300 AT (in scope of delivery) |

#### General

|                    |                     |
|--------------------|---------------------|
| Type of protection | Overload protection |
| Weight             | 59 g                |
| Number of plugs    | 1                   |

#### Inline potentials

|                      |   |
|----------------------|---|
| Designation          | Main circuit supply ( $U_M$ )   |
| Supply voltage       | 24 V DC   |
| Supply voltage range | 19.2 V DC ... 30 V DC (including all tolerances, including ripple)  |
| Current consumption  | typ. 6 A (The terminal is supplied with a 6.3 A slow-blow fuse. In the event of an increased total current in the potential jumpers $U_M$ and $U_S$ , the circuit must be protected through the use of higher rated fuses (max. 8 A, slow-blow).) |
|                      | max. 8 A (nominal value)  |
| Designation          | Segment circuit supply ( $U_S$ )  |
| Supply voltage       | 24 V DC   |
| Supply voltage range | 19.2 V DC ... 30 V DC (including all tolerances, including ripple)  |
| Power supply unit    | max. 6 A (nominal value)  |

#### Standards and Regulations

|                                  |     |
|----------------------------------|-----|
| Connection in acc. with standard | CUL |
|----------------------------------|-----|

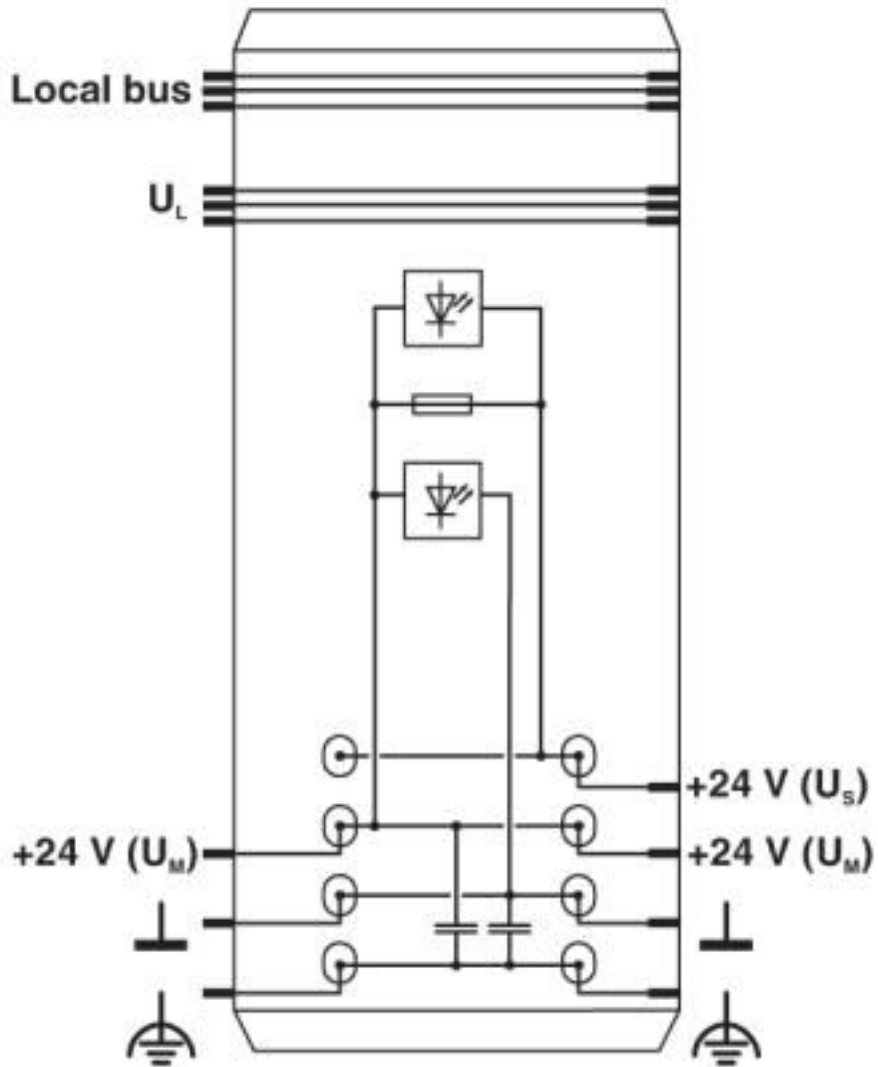
#### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50 years  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

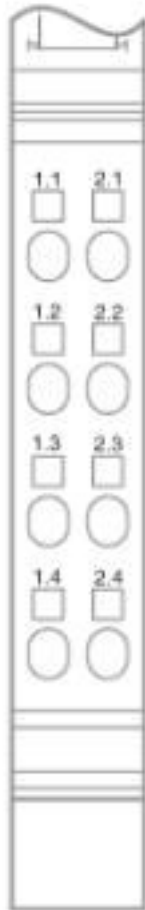
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Block diagram



## Inline terminal - IB IL 24 SEG/F-PAC - 2861373

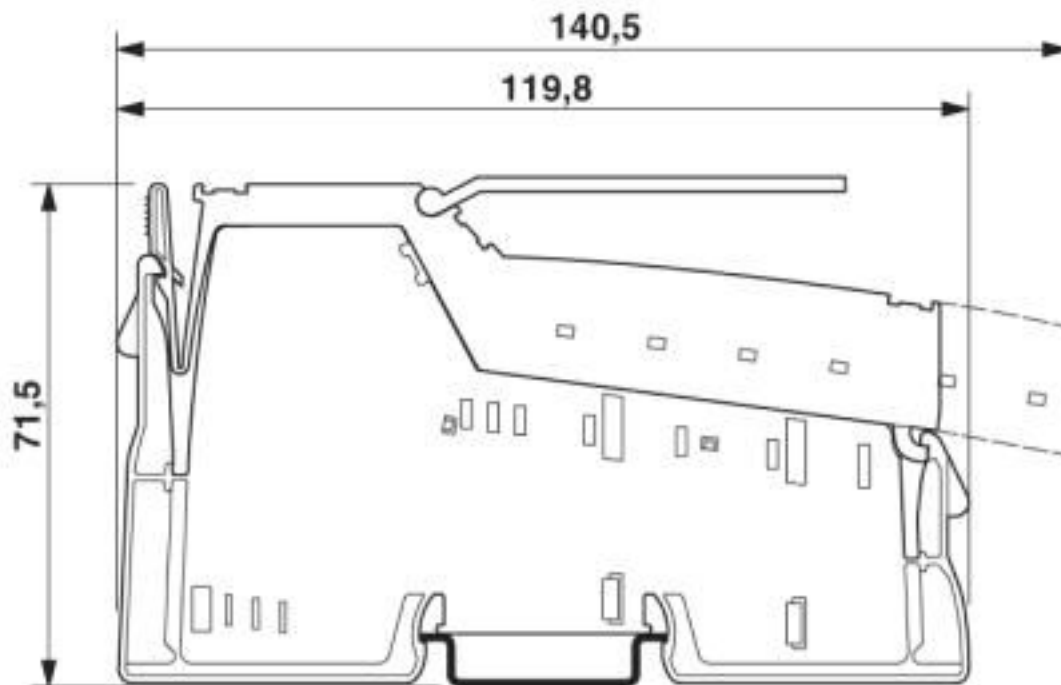
Connection diagram



**$U_M$  and  $U_S$  connected internally  
via fuse**

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Dimensional drawing



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27242610 |
| 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    | 27242610 |
| eCl@ss 8.0    | 27242610 |
| eCl@ss 9.0    | 27242610 |

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001433 |
| ETIM 3.0 | EC001600 |
| ETIM 4.0 | EC001600 |
| ETIM 5.0 | EC001600 |
| ETIM 6.0 | EC001600 |
| ETIM 7.0 | EC001600 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |

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## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 11    | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2  | 32151602 |
| UNSPSC 18.0  | 32151602 |
| UNSPSC 19.0  | 32151602 |
| UNSPSC 20.0  | 32151602 |
| UNSPSC 21.0  | 32151602 |

## Approvals

### Approvals





#### Approvals

DNV GL / BSH / BV / LR / ABS / BSH / RINA / UL Recognized / EAC

#### Ex Approvals

UL Listed / cUL Listed / cULus Listed

### Approval details

|        |   |   |                  |
|--------|---|---|------------------|
| DNV GL |  | <a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>   | TAA00000BN       |
| BSH    |   |   | Anwenderhinweis  |
| BV     |  | <a href="http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials">http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials</a> | 21725/B0 BV      |
| LR     |  | <a href="http://www.lr.org/en">http://www.lr.org/en</a>   | 08/20033         |
| ABS    |   | <a href="http://www.eagle.org/eagleExternalPortalWEB/">http://www.eagle.org/eagleExternalPortalWEB/</a>   | 17-HG1621871-PDA |
| BSH    |   |   | 658              |
| RINA   |  | <a href="http://www.rina.org/en">http://www.rina.org/en</a>   | ELE001320XG      |

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## Approvals

|               |  |   |               |
|---------------|--|---|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 140324 |
|---------------|--|---|---------------|

|     |  |               |
|-----|--|---------------|
| EAC |  | EAC-Zulassung |
|-----|--|---------------|

## Accessories

### Accessories

#### Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



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### Plug

Inline connector - IB IL SCN-PWR IN-CP - 2727637



Connector, colored, for Inline power and segment terminal blocks

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### Terminal marking

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72

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