

## Inline terminal - IB IL 24 PWR IN/R-XC-PAC - 2701298

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

### 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

### Why buy this product

- ✓ Supply of all 24 V voltages required for the low-level signal of an Inline station
- ✓ Diagnostic and status indicators
- ✓ Can be used under extreme ambient conditions
- ✓ Extended temperature range of -40°C ... +70°C (see "Tested successfully: use under extreme ambient conditions" in the data sheet)
- ✓ Coated PCBs



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 046356 735704 |
| Weight per Piece (excluding packing) | 192.0 g   |
| Custom tariff number                 | 85389091  |
| Country of origin                    | Germany   |
| Note                                 | Made to Order (non-returnable)  |

### Technical data

#### Note

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

### Dimensions

# Inline terminal - IB IL 24 PWR IN/R-XC-PAC - 2701298

## Technical data

### Dimensions

|        |          |
|--------|----------|
| Width  | 48.8 mm  |
| Height | 119.8 mm |
| Depth  | 71.5 mm  |

### Interfaces

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

### Power supply

|      |   |
|------|---|
| Fuse | electrical/thermal overload protection, included in scope of delivery |
|------|---|

### General

|                              |   |
|------------------------------|---|
| Type of protection           | Surge protection (segment supply, main supply, 24 V supply)   |
| Protective circuit/component | Input protective diodes (can be destroyed by permanent overload)<br>Pulse loads up to 1500 W are short circuited by the input protective diode. |
| Weight                       | 192 g   |

## 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 3.0 | EC001600 |
| ETIM 4.0 | EC001599 |
| 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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## Inline terminal - IB IL 24 PWR IN/R-XC-PAC - 2701298

### Approvals

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Approvals

UL Recognized / cUL Recognized / cULus Recognized

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Ex Approvals


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Approvals submitted

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### Approval details

UL Recognized 

cUL Recognized 

cULus Recognized 

### Accessories

Accessories

Connector set

Connector set - IB IL PWR IN/R-PLSET - 2860620



Connector set, for power terminal block, copper, colored identification.

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Labeling panel

## Inline terminal - IB IL 24 PWR IN/R-XC-PAC - 2701298

### Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



### Terminal marking

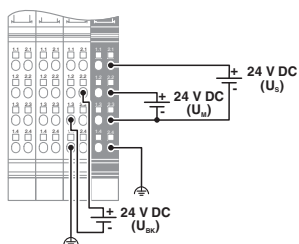
Insert strip - ESL 62X10 - 0809492

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm



### Drawings

Connection diagram



Dimensioned drawing

