

## Inline terminal - IB IL DO 4 AC-1A-PAC - 2861658

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Inline, Digital output terminal, Digital outputs: 4, 230 V AC, 1 A, connection method: 3-wire, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

### Product Description

The terminal is designed for use within an Inline station. It is used to output digital signals in the AC voltage range.

### Your advantages

- ✓ 4 digital outputs
- ✓ Connection of actuators in 3-wire technology
- ✓ Nominal current of each output: 1 A
- ✓ Total current of the terminal: 4 A
- ✓ Diagnostic and status indicators



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 017918 894498 |
| GTIN                                 | 4017918894498                                                                                           |
| Weight per Piece (excluding packing) | 220.300 g                                                                                               |
| Custom tariff number                 | 85389091                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|        |          |
|--------|----------|
| Width  | 48.8 mm  |
| Height | 119.8 mm |

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## Technical data

### Dimensions

|                    |                    |
|--------------------|--------------------|
| Depth              | 71.5 mm            |
| Note on dimensions | Housing dimensions |

### Ambient conditions

|                                          |                                                                                                                         |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)          | -25 °C ... 55 °C                                                                                                        |
| Ambient temperature (storage/transport)  | -25 °C ... 85 °C                                                                                                        |
| Permissible humidity (operation)         | 75 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.) |
| Permissible humidity (storage/transport) | 75 % ... 85 % (slight temporary condensation may sometimes appear on the housing)                                       |
| Air pressure (operation)                 | 70 kPa ... 106 kPa (up to 3000 m above sea level)                                                                       |
| Air pressure (storage/transport)         | 70 kPa ... 106 kPa (up to 3000 m above sea level)                                                                       |
| Degree of protection                     | IP20                                                                                                                    |

### General

|                               |              |
|-------------------------------|--------------|
| Mounting type                 | DIN rail     |
| Color                         | gray         |
| Net weight                    | 130 g        |
| Note on weight specifications | without plug |

### Interfaces

|                    |                    |
|--------------------|--------------------|
| Designation        | Inline local bus   |
| No. of channels    | 2                  |
| Connection method  | Inline data jumper |
| Transmission speed | 500 kbps           |

### Inline potentials

|                     |                                        |
|---------------------|----------------------------------------|
| Designation         | Communications power (U <sub>L</sub> ) |
| Supply voltage      | 7.5 V DC (via voltage jumper)          |
| Current consumption | max. 45 mA                             |
| Designation         | I/O supply                             |
| Supply voltage      | 230 V AC (via voltage jumper)          |
| Current consumption | max. 4 A                               |

### Digital outputs

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| Output name            | Digital outputs                                          |
| Connection method      | Spring-cage connection                                   |
| Connection technology  | 3-wire                                                   |
| Number of outputs      | 4                                                        |
| Protective circuit     | Overload protection, short-circuit protection of outputs |
| Nominal output voltage | 230 V AC                                                 |

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### Technical data

#### Digital outputs

|                                    |     |
|------------------------------------|-----|
| Maximum output current per channel | 1 A |
| Maximum output current per module  | 4 A |

#### Electrical isolation

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Test section | 5 V supply, incoming remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min. |
|              | 5 V supply, outgoing remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min. |
|              | 7.5 V supply (bus logics) / I/O area 2500 V AC 50 Hz 1 min.                     |
|              | Routine test 1200 V AC 50 Hz 1 min.                                             |
|              | I/O area / FE 500 V AC 50 Hz 1 min.                                             |
|              | Output / Phase 500 V AC 50 Hz 1 min.                                            |

#### Standards and Regulations

|                  |                                       |
|------------------|---------------------------------------|
| Protection class | III (IEC 61140, EN 61140, VDE 0140-1) |
|------------------|---------------------------------------|

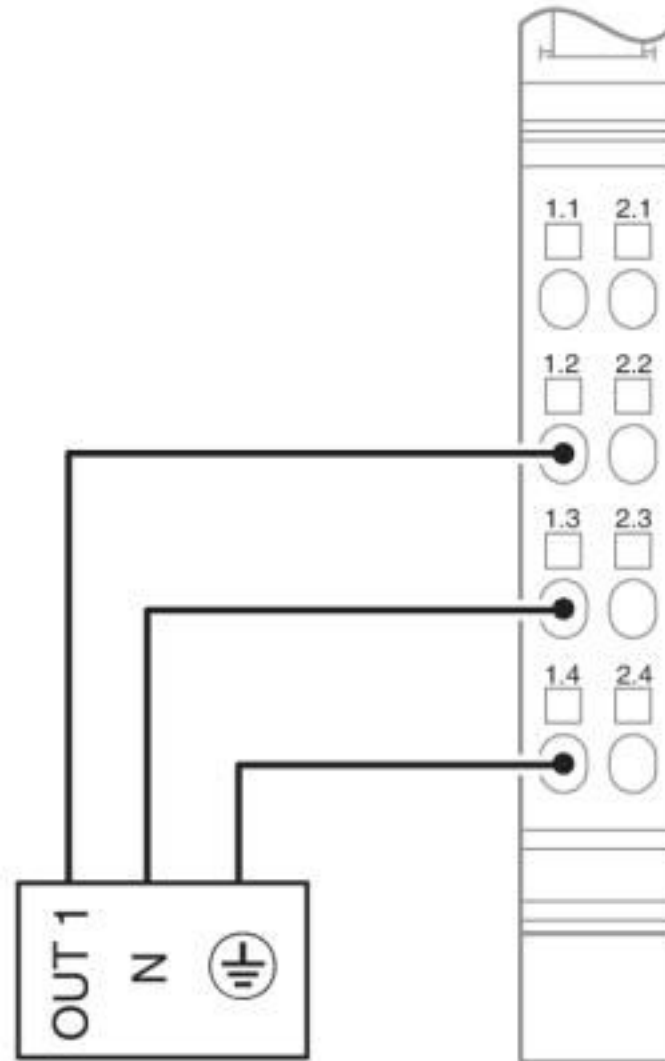
#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

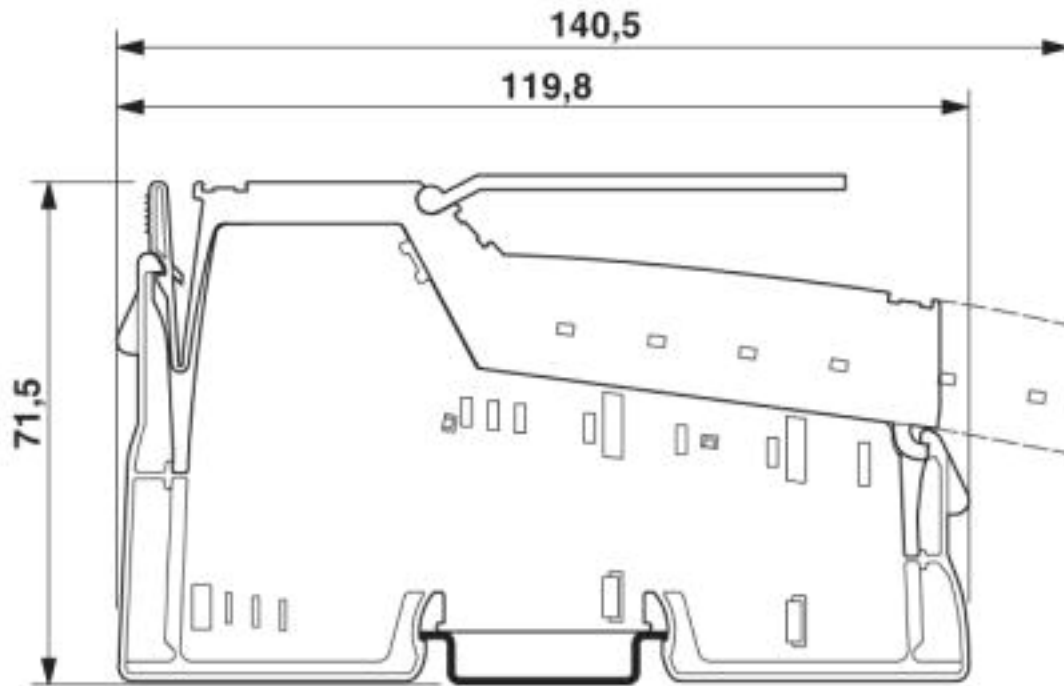
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Connection diagram



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Dimensional drawing



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 | 27242604 |
| eCl@ss 8.0 | 27242604 |
| eCl@ss 9.0 | 27242604 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001430 |
| ETIM 3.0 | EC001599 |
| ETIM 4.0 | EC001599 |
| ETIM 5.0 | EC001599 |
| ETIM 6.0 | EC001599 |
| ETIM 7.0 | EC001599 |

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### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 32151602 |
| UNSPSC 19.0   | 32151602 |

### Accessories

#### Accessories

##### Labeling panel

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



#### Plug

Inline connector - IB IL SCN-8-AC-OCP - 2740274



Connector, colored identification, for digital 1, 2 or 8-channel Inline output terminal blocks

#### Terminal marking

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### Accessories

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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Insert strip - ESL 62X46 - 0809502



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 46 mm, Number of individual labels: 120