

## Inline terminal - IB IL DO 4 AC-1A - 2742696

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Inline digital output terminal block, without accessories, 4 outputs, 12 to 253 V AC, 1 A, 3-wire connection method

The illustration shows versions IB IL DO 1 AC and IB IL DO 4 AC-1A



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 160.4 GRM |
| Custom tariff number                 | 85389099  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

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

## Inline terminal - IB IL DO 4 AC-1A - 2742696

### Technical data

#### Interfaces

|                    |                    |
|--------------------|--------------------|
| Designation        | Inline local bus   |
| Connection method  | Inline data jumper |
| Transmission speed | 500 kBit/s         |

#### Digital outputs

|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| Output name                        | Digital outputs                                          |
| Connection method                  | Spring-cage connection                                   |
|                                    | 3-conductor                                              |
| Number of outputs                  | 4                                                        |
| Protective circuit                 | Overload protection, short-circuit protection of outputs |
| Maximum output current per channel | 1 A                                                      |
| Maximum output current per module  | 4 A                                                      |

#### Power supply for module electronics

|                            |                                  |
|----------------------------|----------------------------------|
| Supply voltage             | 24 V DC (nominal value)          |
| Supply voltage range       | 19.2 V DC ... 30 V DC            |
| Communications power $U_L$ | 7.5 V (via voltage jumper)       |
| Current consumption        | max. 45 mA (from the local bus)  |
| Power consumption          | max. 0.34 W (from the local bus) |

#### General

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| Weight                        | 130 g                                                                          |
| Note on weight specifications | Without plug                                                                   |
| Mounting type                 | DIN rail                                                                       |
| Protection class              | III, IEC 61140, EN 61140, VDE 0140-1                                           |
| 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                                            |

#### Inline potentials

|                                |             |
|--------------------------------|-------------|
| Communications power $U_L$     | 7.5 V DC    |
| Current consumption from $U_L$ | max. 45 mA  |
| Main circuit supply $U_M$      | 230 V AC    |
| Current consumption from $U_M$ | max. 4 A AC |

## Inline terminal - IB IL DO 4 AC-1A - 2742696

### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250302 |
| eCl@ss 4.1 | 27250302 |
| eCl@ss 5.0 | 27250302 |
| eCl@ss 5.1 | 27242604 |
| eCl@ss 6.0 | 27242604 |

ETIM

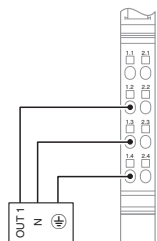
|          |          |
|----------|----------|
| ETIM 2.0 | EC001430 |
| ETIM 3.0 | EC001599 |
| ETIM 4.0 | EC001599 |
| ETIM 5.0 | EC001599 |

UNSPSC

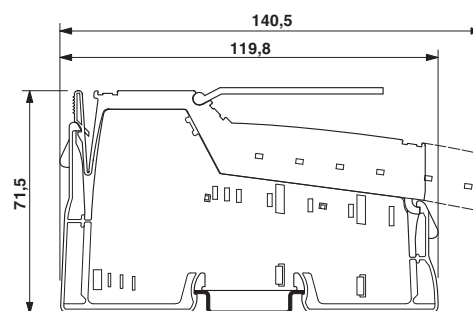
|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

### Drawings

Connection diagram



Dimensioned drawing



单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)