

Inline terminal - IB IL 24 DO 4-XC-PAC - 2701155

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Inline digital output terminal, version for extreme conditions, complete with accessories (connector plug and labeling field), 4 outputs, 24 V DC, 500 mA, 3-conductor connection technology



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 100.0 GRM |
| Custom tariff number | 85389091 |
| Country of origin | Germany |

Technical data

Note

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

Dimensions

| | |
|--------------------|--------------------|
| Width | 12.2 mm |
| Height | 140.5 mm |
| Depth | 71.5 mm |
| Note on dimensions | Housing dimensions |

Ambient conditions

| | |
|--|---|
| Ambient temperature (operation) | -40 °C ... 55 °C (See also the "Tested successfully: Use under extreme ambient conditions" section of the data sheet.) |
| | -40 °C ... 60 °C (At $U_s < 24.5$ V; see also the "Tested successfully: Use under extreme ambient conditions" section of the data sheet.) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| GRP_Temperature class | T2 (-40°C ... 55°C, EN 50155) |
| Permissible humidity (operation) | 10 % ... 95 % (according to DIN EN 61131-2) |
| Permissible humidity (storage/transport) | 10 % ... 95 % (according to DIN EN 61131-2) |

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Technical data

Ambient conditions

| | |
|----------------------------------|---|
| 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

| | |
|-------------------------------|---|
| Weight | 66 g |
| Note on weight specifications | with connector |
| Mounting type | DIN rail |
| Operating mode | Process data operation with 4 bits |
| 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)/24 V supply (I/O) 500 V AC 50 Hz 1 min |
| | 24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min |
| Diagnostics messages | Short-circuit / overload of the digital outputs Error message in the diagnostic code (bus) and display (2 Hz) via the LED (D) on the module |

Interfaces

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

Power supply for module electronics

| | |
|----------------------------|--|
| Supply voltage | 24 V DC (via voltage jumper) |
| Supply voltage range | 19.2 V DC ... 30 V DC (including all tolerances, including ripple) |
| Communications power U_L | 7.5 V (via voltage jumper) |
| Current consumption | max. 44 mA (from the local bus) |
| Power consumption | max. 0.33 W (at U_L) |

Inline potentials

| | |
|--------------------------------|-------------------------------|
| Communications power U_L | 7.5 V DC (via voltage jumper) |
| Current consumption from U_L | max. 44 mA |
| Main circuit supply U_M | 24 V DC |
| Segment supply voltage U_S | 24 V DC (nominal value) |
| Current consumption from U_S | max. 2 A |

Digital outputs

| | |
|-------------|-----------------|
| Output name | Digital outputs |
|-------------|-----------------|

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Technical data

Digital outputs

| | |
|------------------------------------|---|
| Connection method | Spring-cage connection |
| | 2, 3-wire |
| Number of outputs | 4 |
| Protective circuit | Overload protection, short-circuit protection of outputs Zener diode in output chip |
| Output voltage | 24 V DC ($U_S - 1 V$) |
| Nominal output voltage | 24 V DC (voltage difference at $I_{nom} \leq 1 V$) |
| Maximum output current per channel | 500 mA |
| Maximum output current per module | 2 A |
| Nominal load, inductive | 12 VA (1.2 H; 50 Ω) |
| Nominal load, lamp | 12 W |
| Nominal load, ohmic | 12 W (48 Ω) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27240404 |
| eCl@ss 4.1 | 27240404 |
| eCl@ss 5.0 | 27242204 |
| eCl@ss 5.1 | 27242604 |
| eCl@ss 6.0 | 27242604 |
| eCl@ss 7.0 | 27242604 |
| eCl@ss 8.0 | 27242604 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001433 |
| ETIM 3.0 | EC001599 |
| ETIM 4.0 | EC001599 |
| ETIM 5.0 | EC001599 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 39121311 |
| UNSPSC 12.01 | 39121311 |
| UNSPSC 13.2 | 39121311 |

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Approvals

Approvals

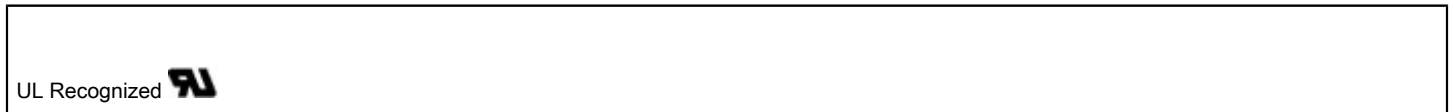
Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

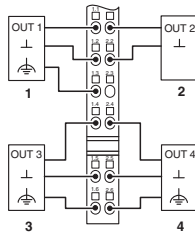
Approval details



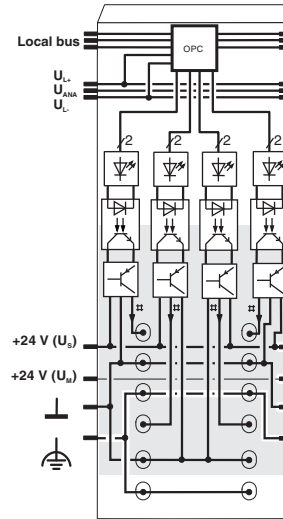
Drawings

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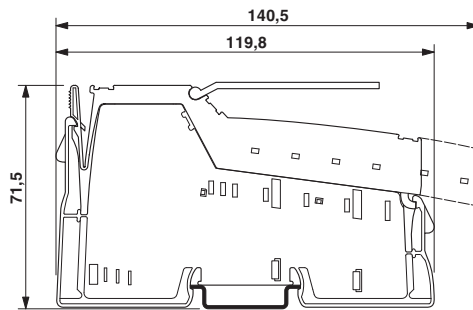
Connection diagram



Block diagram



Dimensioned drawing



单击下面可查看定价，库存，交付和生命周期等信息

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