



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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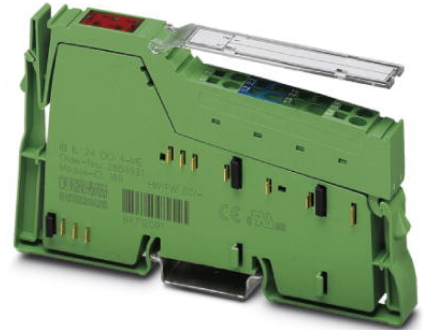
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IB IL 24 DO 4-ME

Order No.: 2863931




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2863931>

Inline digital output terminal, Inline ME versions (machine edition) complete with accessories (connector and labeling field), four outputs, 24 V DC, 500 mA, 2, 3-conductor connection method



Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 962661 |
| sales group | K411 |
| Pack | 4 pcs. |
| Customs tariff | 85389091 |
| Catalog page information | Page 292 (AX-2009) |

Product notes

WEEE/RoHS-compliant since:
12/04/2006



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General data

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

| | |
|--|---|
| Note on dimensions | Housing dimensions |
| Weight | 44 g |
| Note on weight specifications | Without plug |
| Mounting type | DIN rail |
| Ambient temperature (operation) | -25 °C ... 55 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Permissible humidity (operation) | 10 % ... 95 % (according to DIN EN 61131-2) |
| Permissible humidity (storage/transport) | 10 % ... 95 % (according to DIN EN 61131-2) |
| 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 |
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |
| Test section | 5 V supply incoming remote bus/7.5 V supply (bus logic) 500 V AC 50 Hz 1 min |
| | 5 V supply outgoing remote bus/7.5 V supply (bus logic) 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 |

Interface

| | |
|----------------------|--------------------|
| Name | Local bus |
| Type of connection | Inline data jumper |
| Transmission speed | 500 kBaud |
| Transmission physics | Copper |

Power supply for module electronics

| | |
|----------------------------|--|
| Supply voltage | 24 V DC (nominal value) |
| Supply voltage range | 19.2 V DC ... 30 V DC (including all tolerances, including ripple) |
| Supply current | 44 mA |
| 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 |

Inline potential routing

| | |
|----------------------------|----------|
| Communications power U_L | 7.5 V DC |
|----------------------------|----------|

| | |
|--------------------------------|-------------------------|
| Current consumption from U_L | max. 44 mA |
| Segment supply voltage U_s | 24 V DC (nominal value) |
| Current consumption from U_s | max. 2 A |

Digital outputs

| | |
|------------------------------------|--|
| Output name | Digital outputs |
| Type of connection | Spring-cage connection |
| Connection method | 2, 3-wire |
| Number of outputs | 4 |
| Protective circuit | Overload protection, short-circuit protection of outputs |
| 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; 48 Ω) |
| Nominal load, lamp | 12 W |
| Nominal load, ohmic | 12 W (48 Ω) |

Certificates / Approvals



| | |
|-------------------|-----------------------|
| Certification | CUL, UL |
| Certification Ex: | CUL-EX LIS, UL-EX LIS |

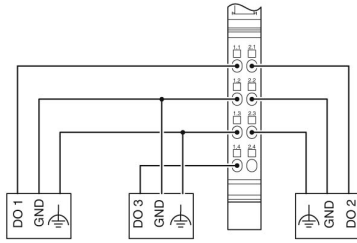
Accessories

| Item | Designation | Description |
|---------|---------------|---|
| 0809492 | ESL 62X10 | Insert strip for laser printer, lettering field: 62 x 10 mm |
| 2727501 | IB IL FIELD 2 | Labeling field, width: 12.2 mm |

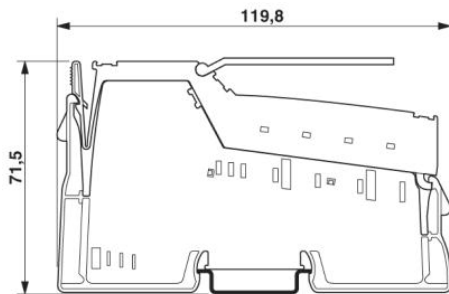
Marking

Diagrams/Drawings

Connection diagram



Dimensioned drawing



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