

Inline function terminal - IB IL RS 232-2MBD-PAC - 2862084

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Inline RS-232 function terminal block, for serial data transmission, complete with accessories (connector and labeling field), 1 serial input and output channel in RS-232 design

Product Description


The terminal is designed for use within an Inline station. It is used to operate standard I/O devices with serial interfaces on a bus system.

Your advantages

- ✓ One serial RS-232 input and output channel
- ✓ Various protocols supported
- ✓ Transmission speed can be set up to 38,400 bps
- ✓ Number of data bits, stop bits and parity can be set
- ✓ 4 kbyte receive buffer and 1 kbyte transmit buffer
- ✓ Diagnostic and status indicators



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 974718 |
| GTIN | 4017918974718 |

Technical data

Note

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

Dimensions

| | |
|--------|----------|
| Width | 24.4 mm |
| Height | 136.8 mm |
| Depth | 71.5 mm |

Connection data

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Technical data

Connection data

| | |
|---------------------------------------|------------------------|
| Designation | Inline connector |
| Connection method | Spring-cage connection |
| Conductor cross section solid min. | 0.08 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 16 |
| Stripping length | 8 mm |

Ambient conditions

| | |
|--|---|
| 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) |
| Degree of protection | IP20 |

General

| | |
|---------------|----------|
| Mounting type | DIN rail |
| Color | green |
| Net weight | 135 g |

Interfaces

| | |
|--------------------|------------------------|
| Designation | Inline local bus |
| Connection method | Inline data jumper |
| Transmission speed | 2 Mbps |
| Interface | Serial RS-232 |
| Connection method | Spring-cage connection |
| Data bits | 7 or 8 |
| Stop bits | 1 or 2 |
| Input buffer | 4 kByte |
| Output buffer | 1 kByte |

Inline potentials

| | |
|---------------------|---|
| Designation | Communications power (U _L) |
| Supply voltage | 7.5 V DC (via voltage jumper) |
| Current consumption | typ. 165 mA |
| | max. 225 mA (all connections of the serial interface are short-circuited) |

Serial input/output channel

| | |
|-------------------|---|
| Parity | Even, odd or no parity |
| Transmission type | Transparent mode, end-end mode, dual buffer mode, 3964R, XON/XOFF |

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Technical data

Standards and Regulations

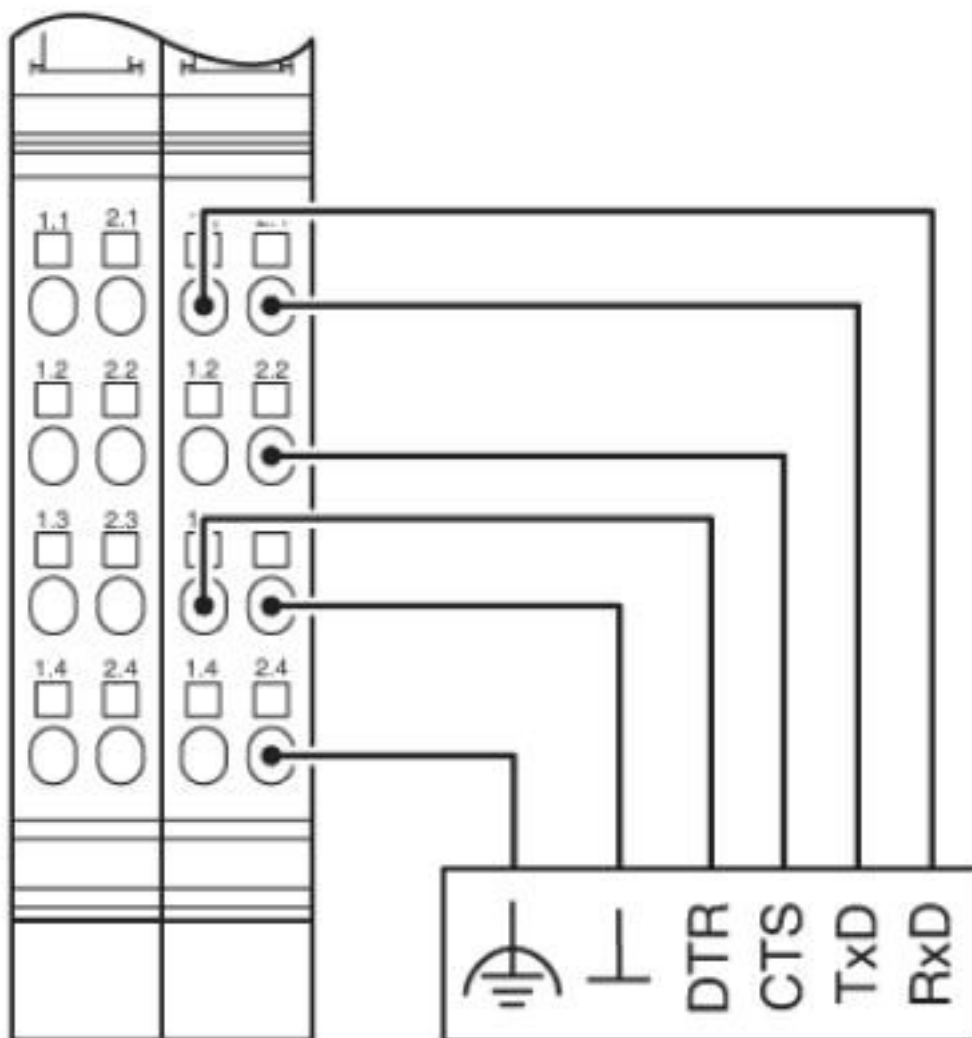
| | |
|------------------|---------------------------------------|
| Protection class | III (IEC 61140, EN 61140, VDE 0140-1) |
|------------------|---------------------------------------|

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

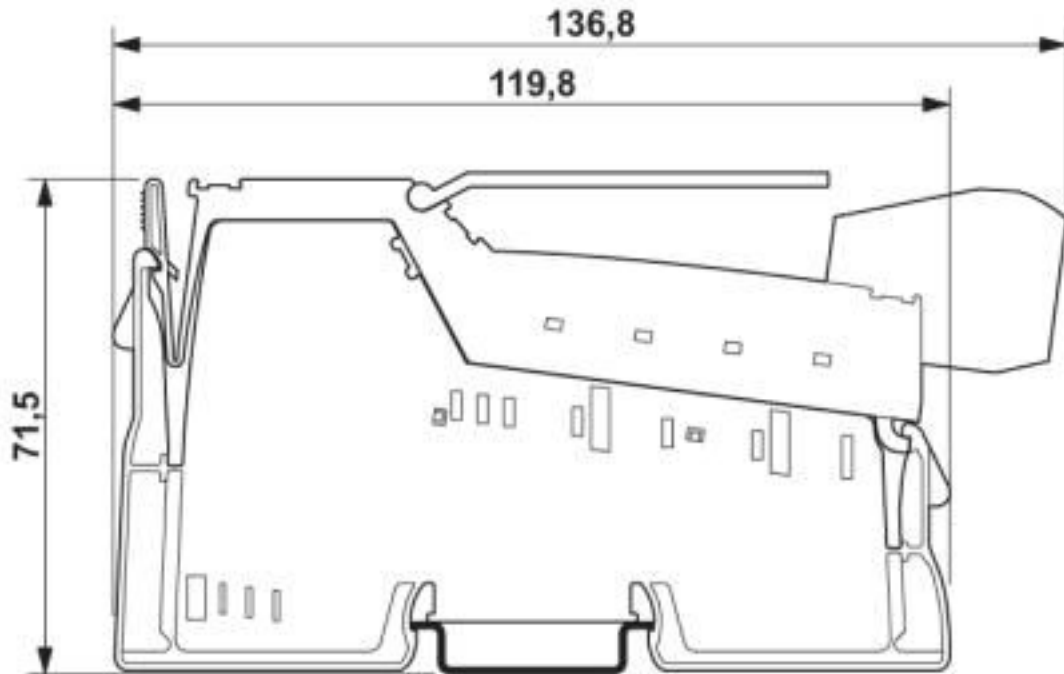
Drawings

Connection diagram



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Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27242608 |
| 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 | 27242608 |
| eCl@ss 8.0 | 27242608 |
| eCl@ss 9.0 | 27242608 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001434 |
| ETIM 3.0 | EC001604 |
| ETIM 4.0 | EC001604 |
| ETIM 5.0 | EC001604 |
| ETIM 6.0 | EC001604 |
| ETIM 7.0 | EC001604 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 32151602 |
| UNSPSC 18.0 | 32151602 |
| UNSPSC 19.0 | 32151602 |
| UNSPSC 20.0 | 32151602 |
| UNSPSC 21.0 | 32151602 |

Accessories

Accessories

Connector set

Connector set - IB IL AO/CNT-PLSET - 2732664



Connector set

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Terminal marking

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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