

# Inline function terminal - IB IL RS 232-PRO-PAC - 2878722

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

## Product Description

The serial inline communication terminal IL RS-232-PRO permits simple and fast integration of scanners, scales and printers into existing production processes. Parameter setting and data exchange is performed exclusively with process data. This means faster communication times for small data volume than with the PCP version. A wide range of applications is supported thanks to various protocols and transmission speeds up to 38400 baud.

## Product Features

- [NO ASSET AVAILABLE: TXB,7181222,P]
- Various protocols supported
- Diagnostic and status indicators

## Key commercial data

<b>package_quantity</b>	1
<b>GTIN</b>	4046356012430

## Technical data

Note:

<b>Utilization restriction</b>	EMC: class A product, see manufacturer's declaration in the download area
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## Dimensions

<b>Width</b>	24.4 mm
<b>Height</b>	136 mm
<b>Depth</b>	71.5 mm

## General

<b>Number of connectors</b>	2
<b>Color</b>	green
<b>Weight</b>	135 g
<b>Mounting type</b>	DIN rail
<b>Ambient temperature (operation)</b>	-25 °C ... 55 °C
<b>Ambient temperature (storage/transport)</b>	-25 °C ... 85 °C
<b>Permissible humidity (operation)</b>	10 % ... 95 % (according to DIN EN 61131-2)
<b>Permissible humidity (storage/transport)</b>	10 % ... 95 % (according to DIN EN 61131-2)
<b>Degree of protection</b>	IP20

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## Technical data

### General

<b>Protection class</b>	III, IEC 61140, EN 61140, VDE 0140-1
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### Interfaces

<b>Interface</b>	Inline local bus
<b>Connection method</b>	Inline data jumper
<b>Transmission speed</b>	500 kBit/s
<b>Interface</b>	V.24 (RS-232)
<b>Connection method</b>	Spring-cage connection
<b>Transmission speed</b>	110 Bit/s ... 38400 Bit/s (configurable)
<b>Input buffer</b>	4 kByte
<b>Output buffer</b>	1 kByte
<b>Data bits</b>	7 or 8
<b>Stop bits</b>	1 or 2

### Power supply

<b>Communications power <math>U_L</math></b>	7.5 V DC (via voltage jumper)
<b>I/O voltage</b>	24 V DC (via voltage jumper)
<b>I/O voltage range</b>	19.2 V DC ... 30 V DC (including all tolerances, including ripple)

### Serial input/output channel

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

### Inline potentials

<b>Communications power <math>U_L</math></b>	7.5 V (via voltage jumper)
<b>Current consumption from <math>U_L</math></b>	typ. 155 mA
<b>Current consumption from <math>U_L</math></b>	max. 225 mA (all connections of the serial interface are short-circuited)

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27250304
<b>eCl@ss 4.1</b>	27250203
<b>eCl@ss 5.0</b>	27250304
<b>eCl@ss 5.1</b>	27242608
<b>eCl@ss 6.0</b>	27242608
<b>eCl@ss 7.0</b>	27242608
<b>eCl@ss 8.0</b>	27242608

### ETIM

<b>ETIM 2.0</b>	EC001434
<b>ETIM 3.0</b>	EC001604
<b>ETIM 4.0</b>	EC001604

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## classifications

### ETIM

<b>ETIM 5.0</b>	EC001604
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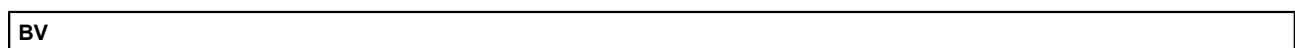
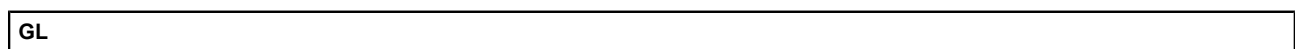
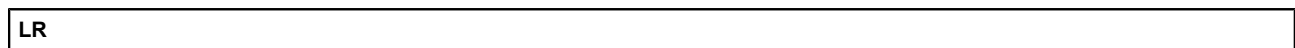
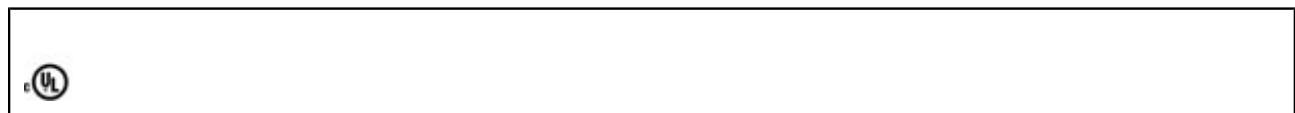
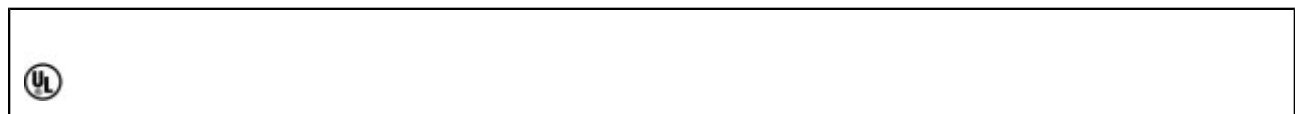
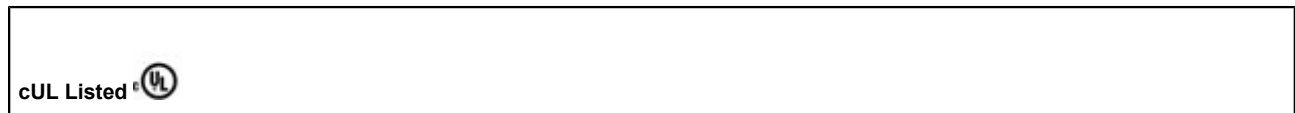
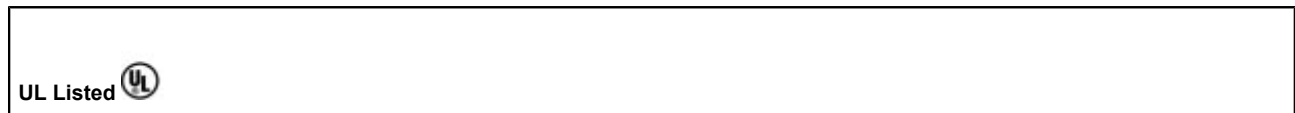
### UNSPSC

<b>UNSPSC 6.01</b>	43172015
<b>UNSPSC 7.0901</b>	43201404
<b>UNSPSC 11</b>	43172015
<b>UNSPSC 12.01</b>	43201404
<b>UNSPSC 13.2</b>	43201404

## approvals

UL Listed / cUL Listed / cULus Listed / UL Listed / cUL Listed / LR / GL / BV / DNV / ABS / RINA / GL-SW / BSH / BSH / GL / cULus Listed /

### Approval details



# Inline function terminal - IB IL RS 232-PRO-PAC - 2878722

## approvals


DNV

ABS

RINA

GL-SW

BSH



## accessories

### Connector set

IB IL AO/CNT-PLSET - 2732664



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### Labeling panel

IB IL FIELD 2 - 2727501



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### Terminal marking

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### accessories

ESL 62X10 - 0809492



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### accessories

IL SYS INST UM - 2698724

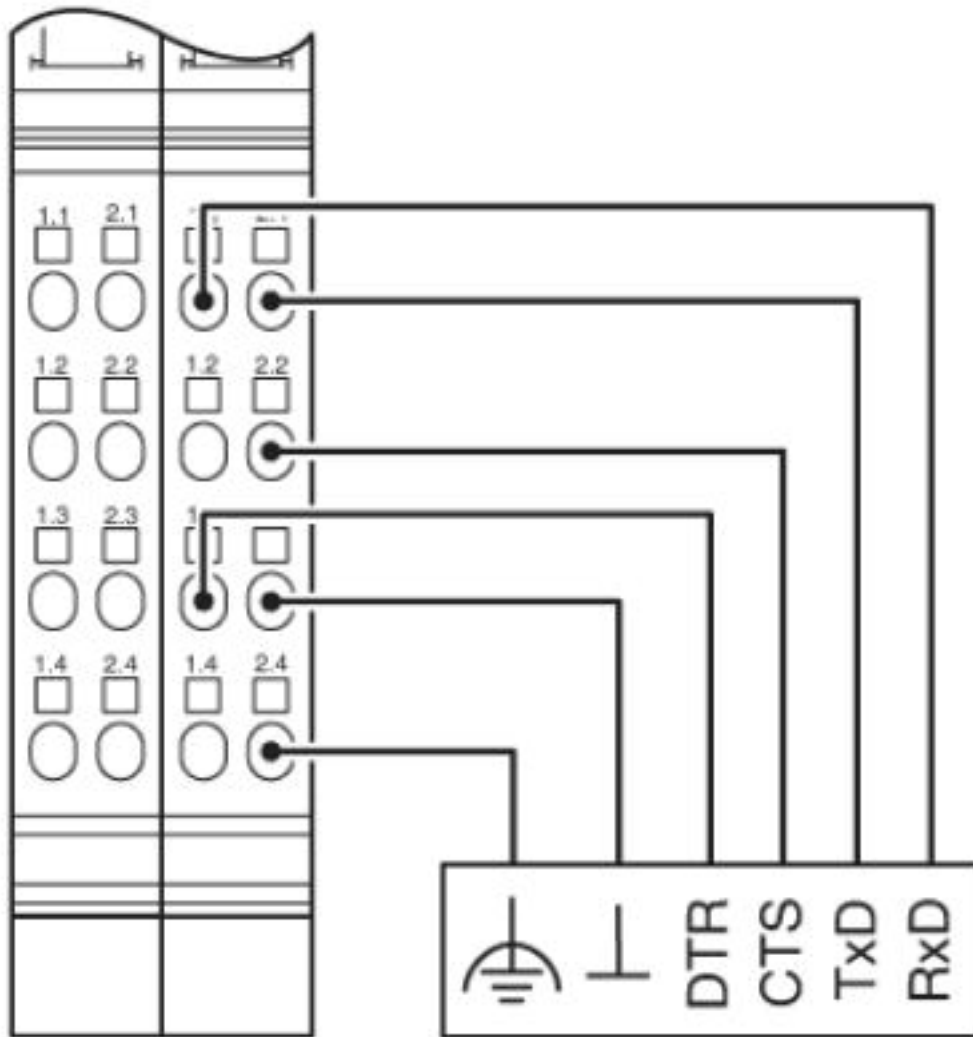


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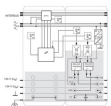
### Drawings

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Connection diagram

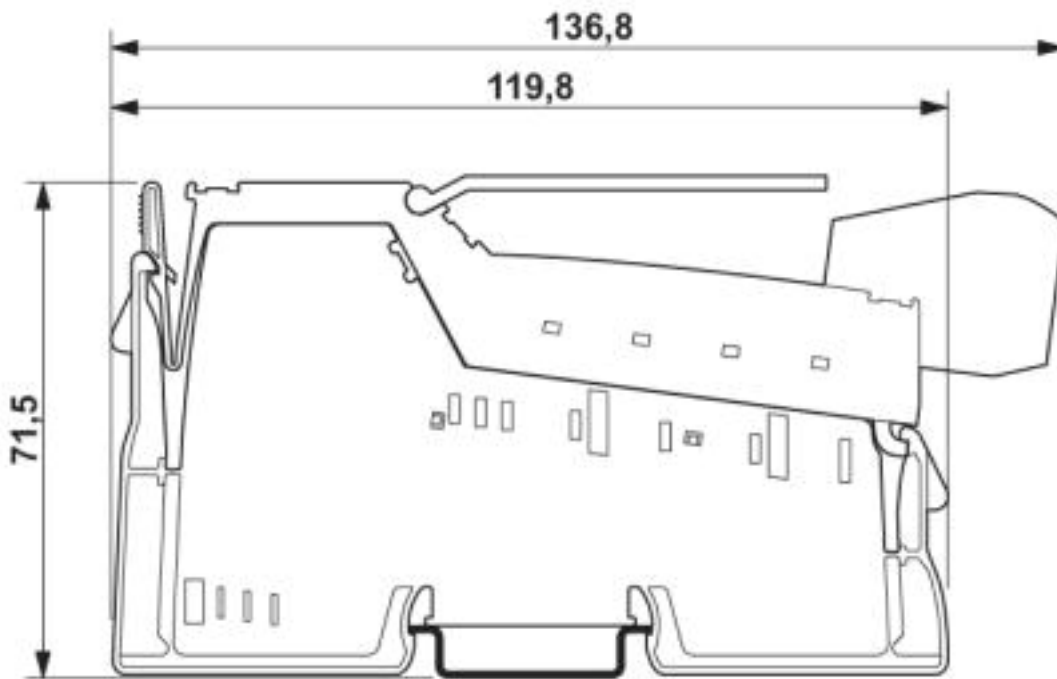


Block diagram



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Dimensioned drawing



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