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 (connector 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.

Why buy this product

- One serial RS-232 input and output channel
- Various protocols supported
- Diagnostic and status indicators

Key commercial data

Packing unit	1 pc
GTIN	4 046356 012430
Weight per Piece (excluding packing)	135.0 g
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	24.4 mm
Height	136 mm
Depth	71.5 mm

General

Number of connectors	2

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Technical data

General

Color	green
Weight	135 g
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)
Degree of protection	IP20
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Interfaces

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

Power supply

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

Serial input/output channel

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

Inline potentials

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

Classifications

eCl@ss

eCl@ss 4.0	27250304
eCl@ss 4.1	27250203
eCl@ss 5.0	27250304

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Classifications

eCl@ss

eCl@ss 5.1	27242608
eCl@ss 6.0	27242608
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001604

UNSPSC

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

Approvals

Approvals

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

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

UL Listed

cUL Listed

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Approvals

LR

GL

BV

DNV

ABS

RINA

GL-SW

BSH

BSH

GL

cULus Listed

Accessories

Accessories

Connector set

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

Connector set

Labeling panel

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Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm

Terminal marking

Insert strip - ESL 62X10 - 0809492

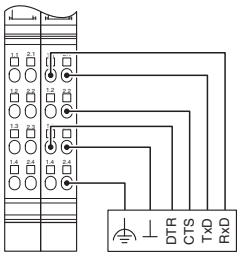
Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm

User manual - IL SYS INST UM - 2698724

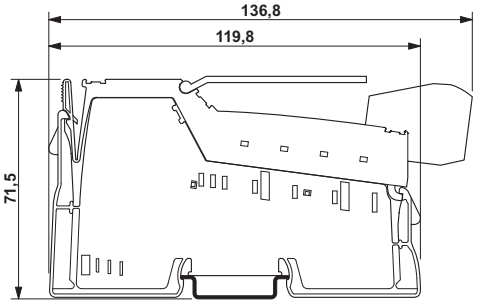
User manual, German, for installing terminals from the Inline product range

Drawings

Connection diagram



Dimensioned drawing



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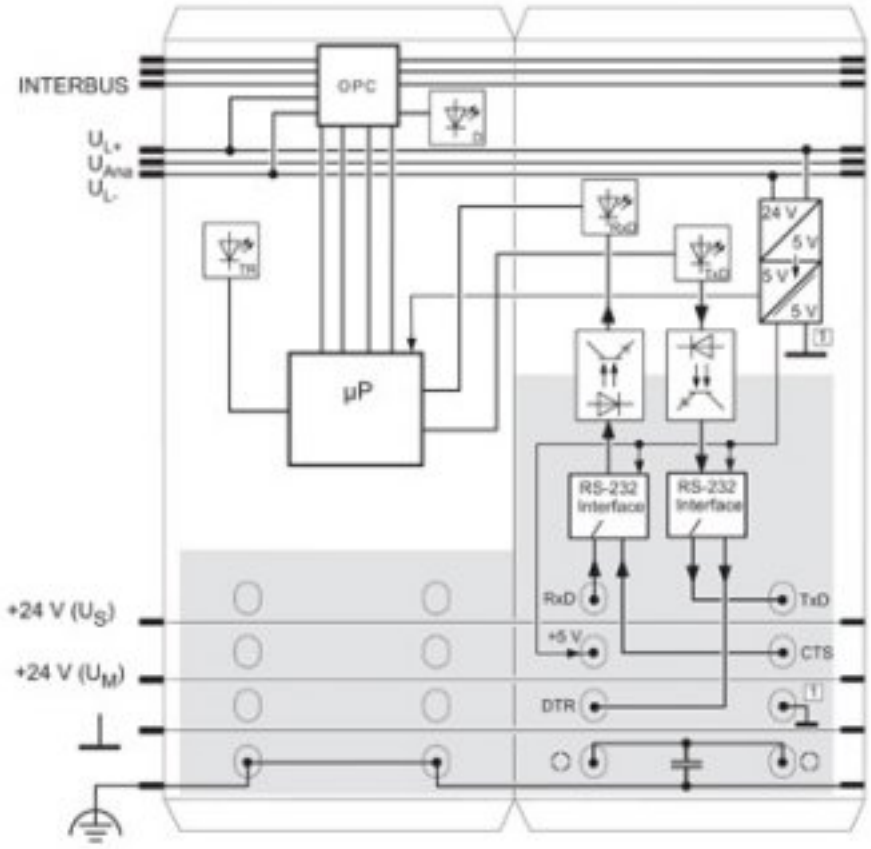
Block diagram



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