


IB IL RS 232-PRO-PAC

Order No.: 2878722

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2878722>

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

Commercial data	
GTIN (EAN)	 4 046356 012430
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 297 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
08/12/2008



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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.

Technical data

Interfaces

Interface	Inline local bus
Type of connection	Inline data jumper
Transmission speed	500 kBit/s
Interface	Serial RS-232
Type of connection	Spring-cage connection
Transmission speed	110 Bit/s ... 38400 Bit/s (configurable)

Power supply

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

Serial input/output channel

Input buffer	4 kByte
Output buffer	1 kByte
Transmission speed	500 kBit/s
Parity	Even, odd or no parity
Data bits	7 or 8
Stop bits	1 or 2
Transmission type	Transparent mode, end-end mode, dual buffer mode, 3964R, XON/XOFF

General data

Weight	135 g
Number of connectors	2
Width	24.4 mm
Height	136 mm
Depth	71.5 mm

Inline potential routing

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)

Certificates / Approvals



Certification

ABS, BV, CUL Listed, DNV, GL, LR, UL Listed

Accessories

Item Designation Description

General

2698724	IL SYS INST UM	User manual, German, for installing terminals from the Inline product range
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Marking

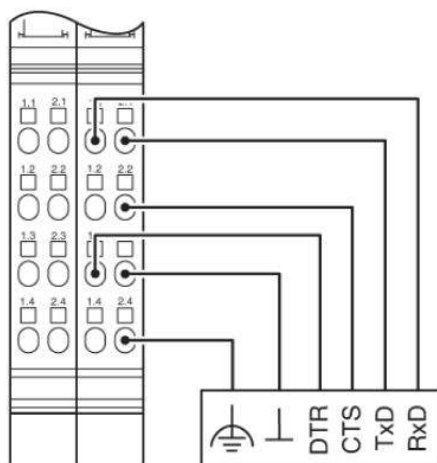
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

Plug/Adapter

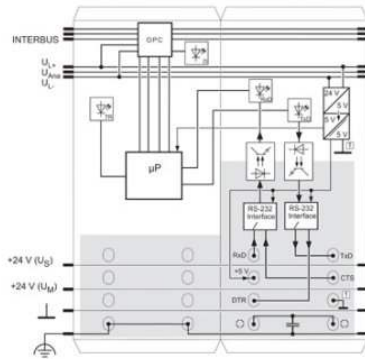
2732664	IB IL AO/CNT-PLSET	Connector set
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Diagrams/Drawings

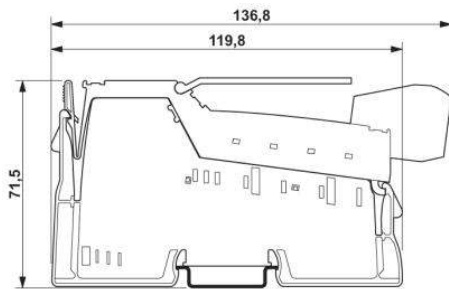
Connection diagram



Block diagram



Dimensioned drawing



Address

PHOENIX CONTACT Deutschland GmbH
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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