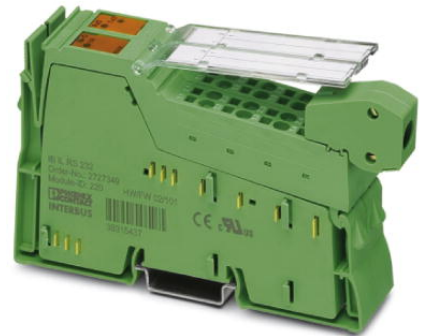



# IB IL RS 232-PAC

Order No.: 2861357



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861357>

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

Commercial data	
GTIN (EAN)	 4 017918 894290
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 296 (AX-2009)

### Product notes

WEEE/RoHS-compliant since:  
03/10/2008



<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

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

Typical current consumption	155 mA
I/O voltage	24 V DC (via voltage jumper)
Peripherals voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)

#### Electrical isolation

Test section	5 V supply, incoming remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	5 V supply, outgoing remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	RS-232 interface / 7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	RS-232 interface / 24 V supply (I/O) 500 V AC 50 Hz 1 min
	RS-232 interface / functional earth ground 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
	7.5 V supply (bus logics) / functional earth ground 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

#### 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	136.8 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, DNV, GL, GOST, LR, UL

#### Accessories

Item	Designation	Description
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#### Marking

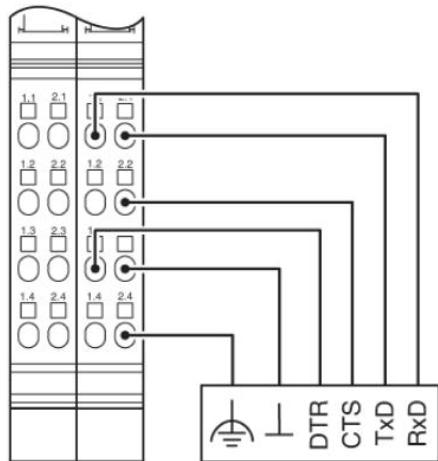
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

#### Plug/Adapter

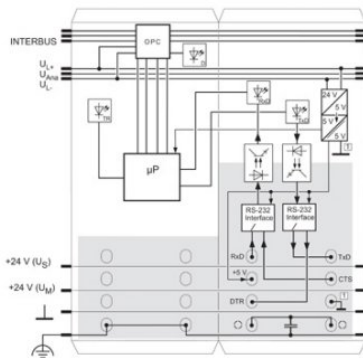
2732664	IB IL AO/CNT-PLSET	Connector set
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## Diagrams/Drawings

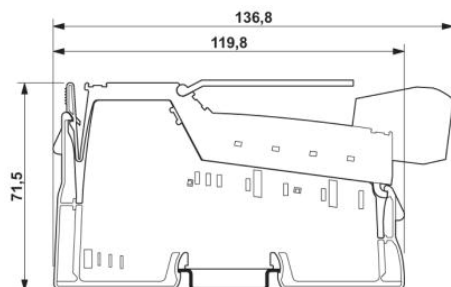
### Connection diagram



### Block diagram



### Dimensioned drawing



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