


# IB IL RS 232-2MBD-PAC

Order No.: 2862084



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2862084>

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 974718
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 296 (AX-2009)

#### Product notes

WEEE/RoHS-compliant since:  
01/16/2009



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## Technical data

Interfaces	
Interface	Inline local bus
Type of connection	Inline data jumper
Transmission speed	2 MBit/s

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Interface	Serial RS-232
Type of connection	Spring-cage connection
Transmission speed	110 Bit/s ... 38400 Bit/s (configurable)

#### Power supply

Typical current consumption	165 mA
I/O voltage	24 V DC (via voltage jumper)
Peripherals voltage range	19.2 V DC ... 30 V DC

#### 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/DC 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	2 MBit/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. 165 mA
	max. 225 mA (all connections of the serial interface are short-circuited)

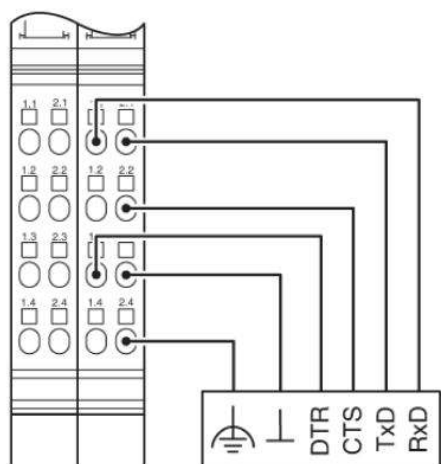
**Accessories**

Item	Designation	Description
<b>Marking</b>		
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

<b>Plug/Adapter</b>		
2732664	IB IL AO/CNT-PLSET	Connector set

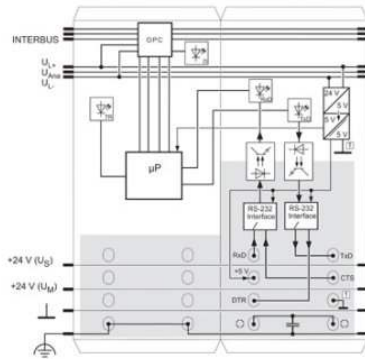
**Diagrams/Drawings**

Connection diagram



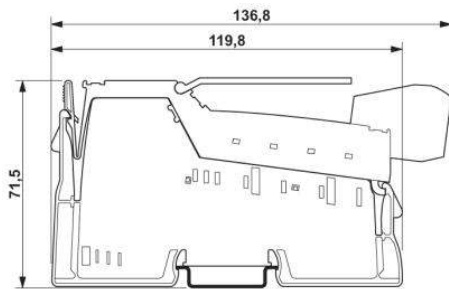
Block diagram

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Dimensioned drawing

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