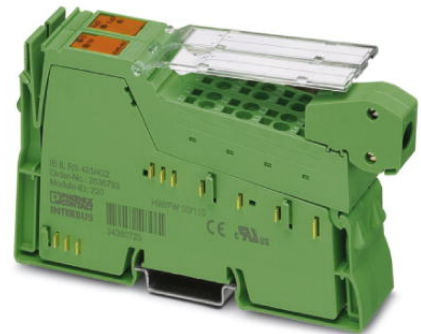



# IB IL RS 485/422-PRO-PAC

Order No.: 2863627



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2863627>

Inline RS-485/422 function terminal, for serial data transmission, complete with accessories (connector and labeling field), 1 serial input and output channel in RS-485/422 design, pure process data communication

Commercial data	
GTIN (EAN)	 4 017918 946920
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 211 (AX-2011)

### Product notes

WEEE/RoHS-compliant since:  
11/22/2007



<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.

### Product description

The serial Inline communication terminal IL RS 485/422-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
Connection method	Inline data jumper
Transmission speed	500 kBit/s
Interface	Either RS-485 half duplex or RS-422 full duplex (as alternative only)
Connection method	Spring-cage connection
Transmission speed	110 Bit/s ... 38400 Bit/s (configurable)

### Power supply

Typical current consumption	170 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-485/422 interface / 7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	RS-485/422 interface / 24 V supply (I/O) 500 V AC 50 Hz 1 min
	RS-485/422 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, MOVILINK protocol

#### 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. 170 mA
	max. 260 mA (all connections of the serial interface are short-circuited)

#### Certificates / Approvals



Certification

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

#### Accessories

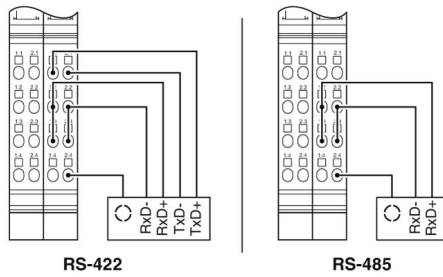
Item	Designation	Description
<b>Marking</b>		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

#### Plug/Adapter

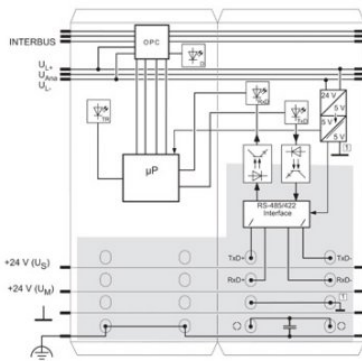
2732664	IB IL AO/CNT-PLSET	Connector set
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## Diagrams/Drawings

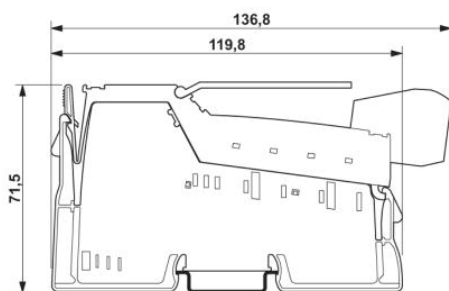
### Connection diagram



### Block diagram



### Dimensioned drawing



**Address**

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