

IL PB BK

This product has been replaced by a newer version.

Order No.: 2740054

The illustration shows the version IL PB BK-PAC



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2740054>

PROFIBUS bus coupler, Standard-PROFIBUS-DP, 24 V DC, without accessories

Commercial data

EAN	4017918453213
Pack	1 pcs.
Customs tariff	85389091
Weight/Piece	0.28 KG

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Product description

The PROFIBUS-DP fieldbus coupler enables the flexible Inline automation kit to be operated with Profibus as well.

An Inline station can be inserted at any point in a PROFIBUS-DP network using the fieldbus coupler.

The fieldbus coupler acts as a slave in the Profibus and a master in the lower-level Inline local bus.

The address of the Profibus slave can easily be set from outside by means of DIP switches. The Profibus is connected via a 9-pos. D-SUB connector (e.g.: SUBCON-PLUS-PROFIB from Phoenix Contact). The operating voltage for the fieldbus coupler and the electronics can be fed using a separate power connector.

For the Profibus project planning, a diskette with the corresponding device master data file is delivered with the product. The PROFIBUS-DP fieldbus coupler supports the proven Inline diagnostics as well as the typical PROFIBUS-DP diagnostics frames. Local LEDs enable precise diagnostics.

Please note the following when you configure the system:

The total logic current of all terminals connected to a PROFIBUS-DP fieldbus coupler must not exceed the maximum permissible total current of 2 A. Therefore, depending on your configuration, the number of terminal blocks that you can connect may be less than 63.

Phoenix Contact offers supplementary Profibus components, e.g. FO interface converters from the PSM range.

Accessories

Item	Designation	Description
Assembly		
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray

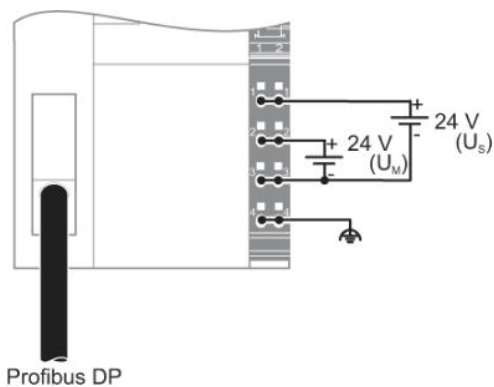
Literature		
2698096	IL PB BK DP/V1 UM	User Manual, German, for Inline PROFIBUS-DP/V1 bus coupler
2698106	IL PB BK DP/V1 UM E	User Manual, English, for Inline PROFIBUS-DP/V1 bus coupler

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

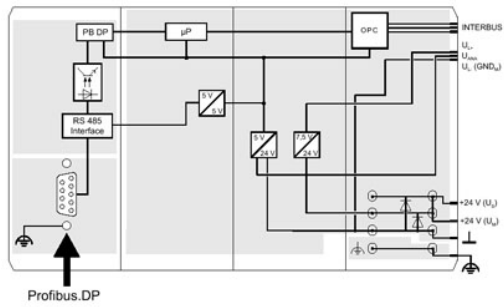
Plug/Adapter		
2727637	IB IL SCN-PWR IN-CP	Connector, colored, for Inline power and segment terminal blocks
2744348	SUBCON-PLUS-PROFIB	SUB-D connector, 9-pos., with two cable entries, bus system: Profibus with 12 Mbps (termination resistor can be connected via a slide switch), pin assignment: 3, 5, 6, 8, Version: Male

Drawings

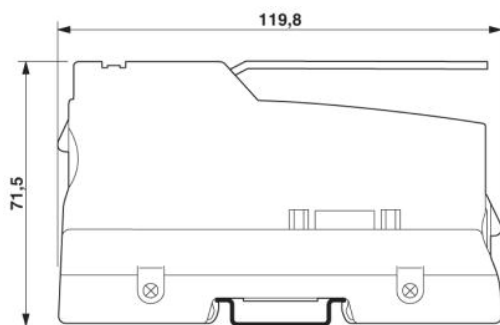
Connection diagram



Block diagram



Dimensioned drawing



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