

## Excellent Integrated System Limited

Stocking Distributor

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Extract from the online catalog

## IBS IL 24 BK-DSUB-PAC


Order No.: 2861593



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2861593>

INTERBUS bus coupler, D-SUB connection, 24 V DC, complete with accessories (connector and labeling field)



Commercial data	
GTIN (EAN)	 4 017918 894443
Note	Made-to-order
sales group	K410
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 245 (AX-2009)

### Product notes

WEEE/RoHS-compliant since:  
07/01/2008



<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

#### General data

Width	85 mm
Height	119.8 mm
Depth	71.5 mm

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Weight	210 g
Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)
Permissible humidity (storage/transport)	75 % ... 85 % (Slight temporary condensation may sometimes appear on the housing, e.g. when the terminal block is brought out of a vehicle into an enclosed room.)
Air pressure (operation)	80 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

**Interface**

Fieldbus system	Lokalbus
Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	500 kBaud
Fieldbus system	INTERBUS
Name	INTERBUS remote bus
Type of connection	D-SUB-9 female/D-SUB-9 male
Transmission speed	500 KBit/s
Transmission physics	Copper
Name	Supply
Type of connection	8-pos. Inline connector

**Power supply for module electronics**

Type of connection	Inline connectors
Supply voltage	24 V DC (via Inline connector)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	max. 1.25 A (with max. number of connected I/O terminal blocks)

**Inline potential routing**

Communications power $U_L$	7.5 V DC $\pm 5\%$
Power supply at $U_L$	max. 2 A DC (observe derating)
Main circuit supply $U_M$	24 V DC -15% / +20% (in acc. with EN 61131-2)
Power supply at $U_M$	max. 8 A DC (Sum of $U_M + U_S$ )
Segment supply voltage $U_S$	24 V DC -15% / +20% (in acc. with EN 61131-2)

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Power supply at $U_S$	max. 8 A DC (Sum of $U_M + U_S$ )
I/O supply voltage $U_{ANA}$	24 V DC -15% / +20%
Power supply at $U_{ANA}$	max. 0.5 A DC (observe derating)

**Certificates / Approvals**



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

Certification Ex: CUL-EX LIS, UL-EX LIS

**Accessories**

Item	Designation	Description
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**Assembly**

1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail
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**Marking**

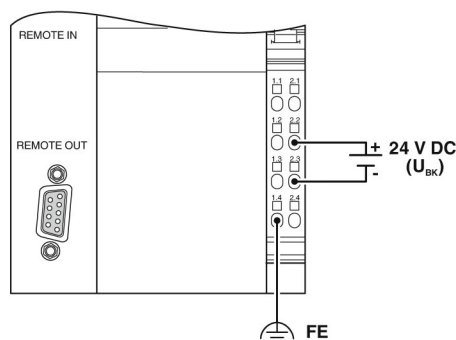
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

**Plug/Adapter**

2727608	IB IL SCN-8-CP	Inline connector, colored
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**Diagrams/Drawings**

Connection diagram



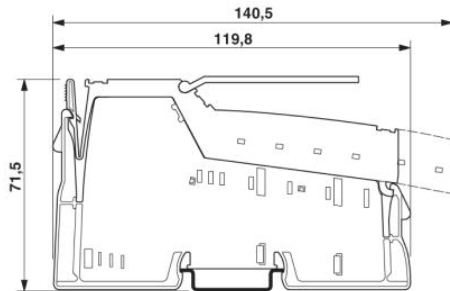
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Dimensioned drawing

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