

# IBS IL 24 BK-LK/45-PAC


Order No.: 2862165



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2862165>


INTERBUS bus coupler, with fiber optic connection with a 45 degree angle, 24 V DC, complete with accessories (connector and labeling field)



Commercial data	
GTIN (EAN)	
sales group	K410
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 149 (AX-2011)

**Product notes**

WEEE/RoHS-compliant since:  
01/14/2008



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Technical data	
<b>General data</b>	
Width	85 mm
Height	119.8 mm
Depth	71.5 mm

Weight	210 g
Note on weight specifications	Without plug
Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 %
Permissible humidity (storage/transport)	75 % ... 85 %
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
Test section	7.5 V logics supply, 24 V analog supply, 24 V bus terminal module supply/functional earth ground 500 V AC 50 Hz 1 min

#### Interface

Fieldbus system	Lokalbus
Name	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBaud
Fieldbus system	INTERBUS
Name	INTERBUS remote bus
Connection method	4x F-SMA angled connectors
Transmission speed	500 KBit/s
Transmission physics	FO
Name	Supply
Connection method	8-pos. Inline connector

#### Power supply for module electronics

Connection method	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)
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 GOST

**Accessories**

Item Designation Description

**Assembly**

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

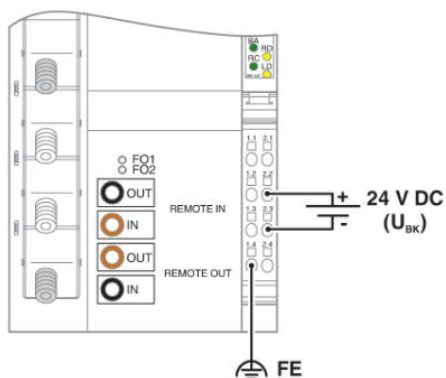
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

**Plug/Adapter**

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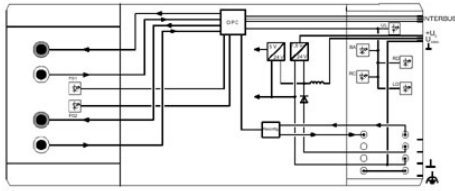
**Diagrams/Drawings**

Connection diagram



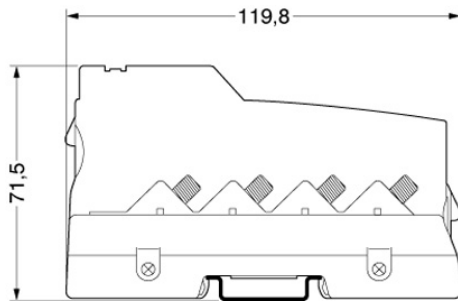
Block diagram

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Dimensioned drawing

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**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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