

IBS IL 24 BK-DSUB-2MBD

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Order No.: 2855949


The illustration shows the version IBS IL 24 BK-DSUB



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INTERBUS bus coupler, subminiature connection, transmission speed 2 MBaud, 24 V DC, without accessories



Commercial data	
GTIN (EAN)	 4 017918 904418
Note	Made-to-order
sales group	K410
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 39 (AX-2007)

Product notes

WEEE/RoHS-compliant since:
11/21/2007



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Technical data

Interface

Fieldbus system	Lokalbus
Name	Inline local bus
Connection method	Inline data jumper
Transmission speed	2 MBaud
Fieldbus system	INTERBUS

Name	INTERBUS remote bus
Connection method	D-SUB-9 female/D-SUB-9 male
Transmission speed	2 MBit/s
Transmission physics	Copper
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 ripple)
Current consumption	max. 1.25 A (with max. number of connected I/O terminal blocks)

General data

Width	85 mm
Height	119.8 mm
Depth	71.5 mm
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

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)
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)
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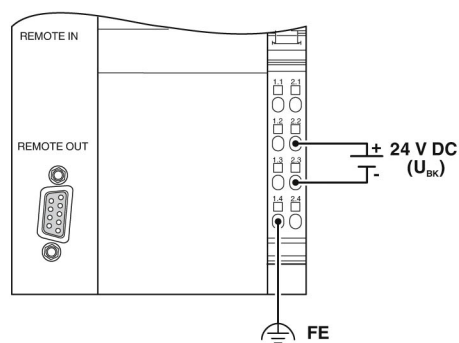
Accessories

Item	Designation	Description
General		
2758486	IBS DSUB 9/C	Bus connector set, crimp connection, male/female connector
2758473	IBS DSUB 9/L	Bus connector set, solder connection, male/female connector

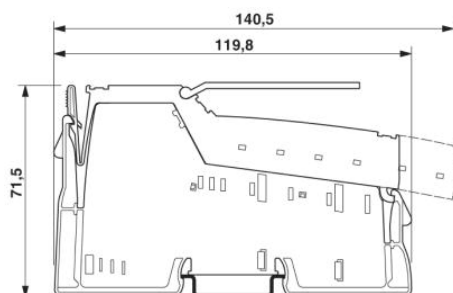
Plug/Adapter		
2727608	IB IL SCN-8-CP	Inline connector, colored
2727462	IB IL SCN-PWR IN	Connector, for Inline power and segment terminal blocks
2727637	IB IL SCN-PWR IN-CP	Connector, colored, for Inline power and segment terminal blocks

Diagrams/Drawings

Connection diagram



Dimensioned drawing



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