

IBS IL 24 BK RB LK-2MBD-PAC


Order No.: 2862026



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INTERBUS bus coupler, with fiber optic connection, 24 V DC, transmission speed 2 MBaud, complete with accessories (connector and labeling field)



Commercial data	
GTIN (EAN)	 4 017918 974664
sales group	K410
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 247 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
01/17/2008



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Technical data	
General data	
Width	85 mm
Height	119.8 mm
Depth	71.5 mm

Weight	235 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	2 MBaud
Fieldbus system	INTERBUS
Name	INTERBUS remote bus
Connection method	6x F-SMA connector
Transmission speed	2 MBit/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. 1.3 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

CUL Listed, UL Listed

Accessories

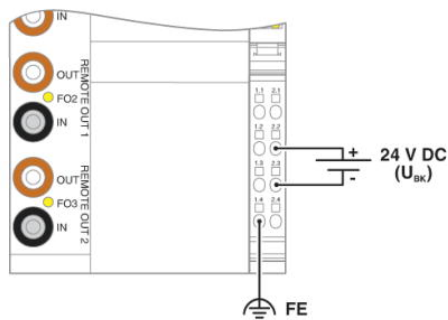
Item	Designation	Description
Assembly		
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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

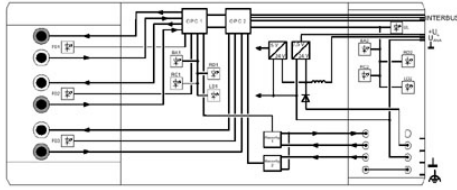
Plug/Adapter		
2727608	IB IL SCN-8-CP	Inline connector, colored

Diagrams/Drawings

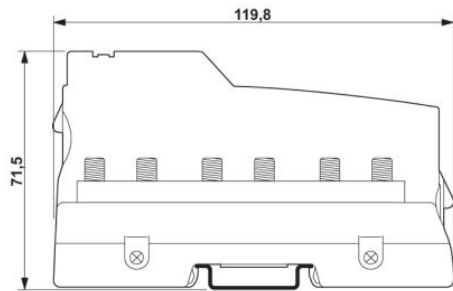
Connection diagram



Block diagram



Dimensioned drawing



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