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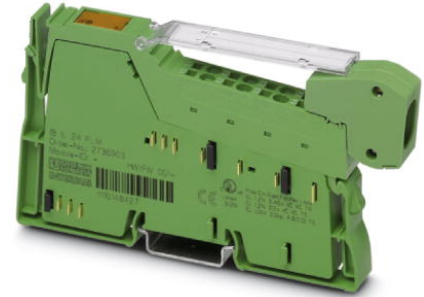
sales@integrated-circuit.com



Extract from the online catalog

IB IL 24 FLM-PAC

Order No.: 2736903



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2736903>

Inline branch terminal for coupling a Fieldline Modular local bus M12 or M8 at the end of an Inline station, conversion of Inline local bus physical structure to the Fieldline local bus physical structure

Commercial data	
GTIN (EAN)	 4 046356 079204
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 249 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
11/27/2007



<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

Interface	
Fieldbus system	Lokalbus
Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	500 kBit/s

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Fieldbus system	Fieldline Modular M8 + M12 Lokalbus
Name	Fieldline Modular M8 local bus
Type of connection	Inline shield connector
Transmission speed	500 kBit/s
Transmission physics	Copper

Inline potential routing

Communications power U_L	7.5 V DC
Current consumption from U_L	110 mA
Segment supply voltage U_s	24 V DC (nominal value)
Current consumption from U_s	max. 6 A (Fieldline Modular M8 local bus, with both-side supply; maximum 3 A for go and return line each)
	max. 55 mA (internal)

General data

Width	12.2 mm
Height	134 mm
Depth	71.5 mm
Weight	43 g
Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % (On average, 85% occasionally)
Permissible humidity (storage/transport)	75 % (On average, 85% occasionally)
Air pressure (operation)	80 kPa ... 106 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Certificates / Approvals


Certification CUL, UL

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

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Accessories

Item	Designation	Description
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Cable/conductor

2806286	IBS RBC METER-T	Remote bus cable for permanent installation, sold by the meter
2723123	IBS RBC METER/F-T	Remote bus cable for flexible installation, sold by the meter

General

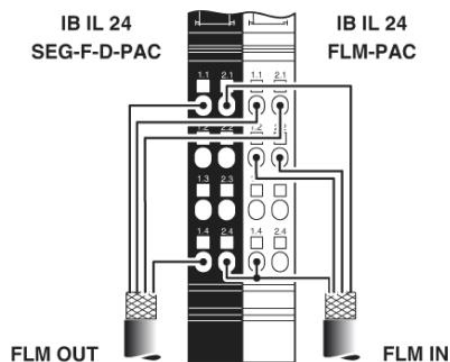
2861904	IB IL 24 SEG/F-D-PAC	Inline segment terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse and diagnostics
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Plug/Adapter

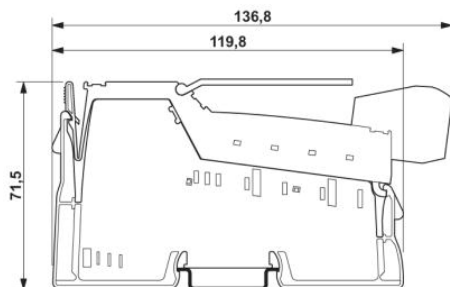
2726353	IB IL SCN-6 SHIELD	Inline shield connector
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Diagrams/Drawings

Connection diagram



Dimensioned drawing



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