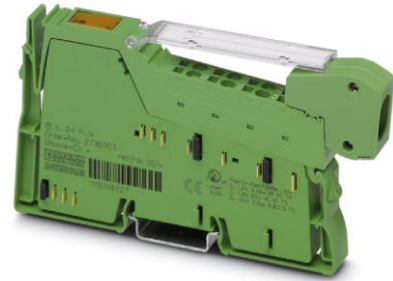




# IB IL 24 FLM-PAC

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		Product notes
GTIN (EAN)		WEEE/RoHS-compliant since: 04/24/2007 
sales group	K413	<a href="http://www.download.phoenixcontact.com">http://www.download.phoenixcontact.com</a> 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.
Pack	1 pcs.	
Customs tariff	85389091	
Catalog page information	Page 209 (AX-2011)	

Technical data	
<b>Interface</b>	
Fieldbus system	Lokalbus
Name	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s

Fieldbus system	Fieldline Modular M8 + M12 Lokalbus
Name	Fieldline Modular M8 local bus
Connection method	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

**Accessories**

Item	Designation	Description
------	-------------	-------------

**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**

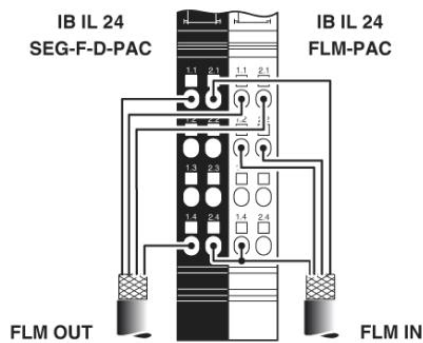
2861904	IB IL 24 SEG/F-D-PAC	Inline segment terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse and diagnostics
---------	----------------------	---

**Plug/Adapter**

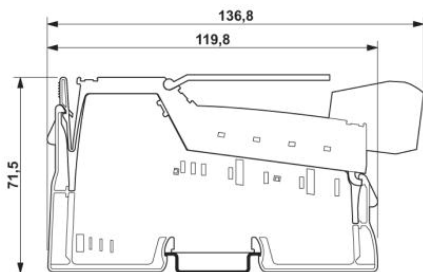
2726353	IB IL SCN-6 SHIELD	Inline shield connector
---------	--------------------	-------------------------

**Diagrams/Drawings**

Connection diagram



Dimensioned drawing



**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>



© 2011 Phoenix Contact  
Technical modifications reserved;