

IB IL 24 FLM MULTI-PAC - Inline function terminal

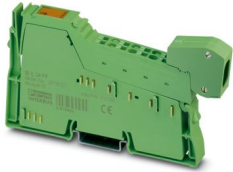


2737009

<https://www.phoenixcontact.com/us/products/2737009>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Inline branch terminal for coupling a Fieldline M8 Modular local bus anywhere on the Inline local bus, conversion of Inline local bus physical structure to the Fieldline local bus physical structure



Your advantages

- Connection of Fieldline Modular M8 to Fieldline Modular M12
- Connection of Fieldline Modular M8 or M12 to Inline Modular

Commercial data

Item number	2737009
Packing unit	1 pc
Sales key	DR01
Product key	DRI152
GTIN	4046356173636
Weight per piece (including packing)	89.1 g
Weight per piece (excluding packing)	43 g
Customs tariff number	85389091
Country of origin	DE

IB IL 24 FLM MULTI-PAC - Inline function terminal



2737009

<https://www.phoenixcontact.com/us/products/2737009>

Technical data

Dimensions

Dimensional drawing	
Width	12.2 mm
Height	136.8 mm
Depth	71.5 mm

Material specifications

Color	green
-------	-------

Interfaces

Fieldline Modular M8 local bus

Connection method	Inline shield connector
Transmission speed	500 kbps
Transmission physics	Copper

Inline local bus

Connection method	Inline data jumper
Transmission speed	500 kbps

System properties

Module

ID code (hex)	none
Register length	0 bit
Required parameter data	0 Byte
Required configuration data	0 Byte

Input data

Digital:

Connection technology	Spring-cage connection
-----------------------	------------------------

Product properties

Product type	I/O component
Product family	Inline
Type	modular

2737009

<https://www.phoenixcontact.com/us/products/2737009>

Electrical properties

Potentials: Communications power (U_L)

Supply voltage	7.5 V DC (via voltage jumper)
Current draw	50 mA

Potentials

Supply voltage	24 V DC
Current draw	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)

Connection data

Connection technology

Connection name	Inline connector
-----------------	------------------

Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross-section, flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross-section AWG	28 ... 16
Stripping length	8 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Degree of protection	IP20
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)
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)

Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
------------------	---------------------------------------

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

IB IL 24 FLM MULTI-PAC - Inline function terminal

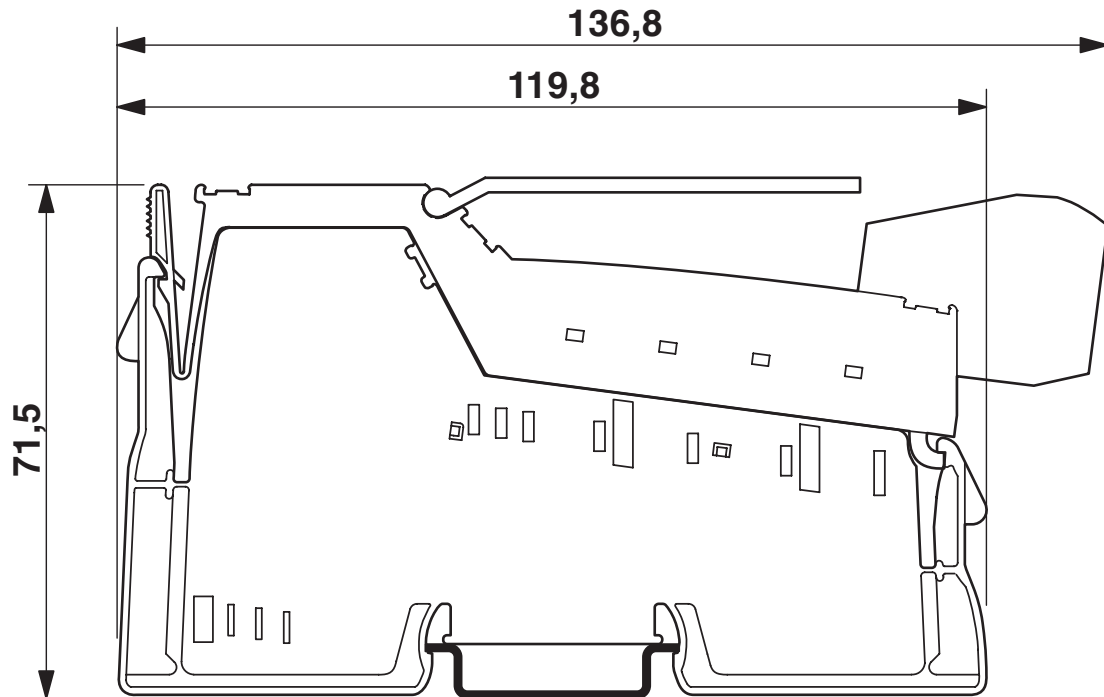


2737009

<https://www.phoenixcontact.com/us/products/2737009>

Drawings

Dimensional drawing



IB IL 24 FLM MULTI-PAC - Inline function terminal



2737009

<https://www.phoenixcontact.com/us/products/2737009>

Classifications

UNSPSC

UNSPSC 21.0	32151600
-------------	----------

IB IL 24 FLM MULTI-PAC - Inline function terminal



2737009

<https://www.phoenixcontact.com/us/products/2737009>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com