

## Inline function terminal - IB IL IFS-MA-PAC - 2692720

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Inline system bus master, for connecting the INTERFACE system bus, complete with accessories (connector connector and marking field)

### Product Description

The terminal is designed for use within an Inline station. It can be used to connect INTERFACE modules to the Inline station and thus the bus system used via the INTERFACE system bus.

#### Features

- Easy connection of INTERFACE EEM and/or EMM modules
- Transmission speed: 500 kbps
- Data width in the local bus can be adjusted via DIP switches or memory stick configuration depending on the number of INTERFACE devices connected
- Maximum data width from the INTERFACE system bus to the local bus: 32 words (including PCP)
- Maximum data width from the local bus to the INTERFACE system bus: 16 words
- Parameterization, configuration, and diagnostics via FDT/DTM (Field Device Tool/Device Type Manager) supported
- Serial interface (S port) can be used to connect a memory stick
- Memory stick can be used for configuration backup
- Applications: Motor and power management; switching, protection, and monitoring of drives

### Product Features

- Acquisition and output of up to 31 measured values and 16 manipulated variables
- Easy integration of up to 8 INTERFACE EMM and EEM modules with firmware 1.03 or later
- User-friendly parameterization, configuration, and diagnostics using DTM (Device Type Managers)
- Serial interface (S port) including a memory stick for saving the configuration



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	200.8 g
Custom tariff number	85371091
Country of origin	Germany

### Technical data

#### Note

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## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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### Dimensions

Width	24.4 mm
Height	135 mm
Depth	71.5 mm

### General

Color	green
Weight	130 g
Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	70 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
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

### Interfaces

Interface	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s
Interface	INTERFACE system bus
Connection method	Inline shield connector
Transmission physics	Single wire
Protocols supported	CAN

### Inline potentials

Communications power $U_L$	7.5 V (via voltage jumper)
Current consumption from $U_L$	typ. 66 mA
	max. 78 mA
Main circuit supply $U_M$	24 V DC (via voltage jumper)
Current consumption from $U_M$	typ. 141 mA
	max. 300 mA

### Electrical isolation

Test section	24 V supply $U_M$ , bus, logic/INTERFACE interface 500 V AC 50 Hz 1 min.
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### Technical data

#### Electrical isolation

	24 V supply $U_M$ , bus, logic/functional earth ground 500 V AC 50 Hz 1 min.
	INTERFACE interface/functional earth ground 500 V AC 50 Hz 1 min.

#### Standards and Regulations

Test section	24 V supply $U_M$ , bus, logic/INTERFACE interface 500 V AC 50 Hz 1 min.
	24 V supply $U_M$ , bus, logic/functional earth ground 500 V AC 50 Hz 1 min.
	INTERFACE interface/functional earth ground 500 V AC 50 Hz 1 min.

### Classifications

#### eCl@ss

eCl@ss 4.0	27250304
eCl@ss 4.1	27250304
eCl@ss 5.0	27250304
eCl@ss 5.1	27242605
eCl@ss 6.0	27242605
eCl@ss 7.0	27242605
eCl@ss 8.0	27242608

#### ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001601
ETIM 5.0	EC001604

#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

### Approvals

#### Approvals

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#### Approvals

UL Listed / cUL Listed / cULus Listed

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## Inline function terminal - IB IL IFS-MA-PAC - 2692720

### Approvals

Ex Approvals

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Approvals submitted

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### Approval details

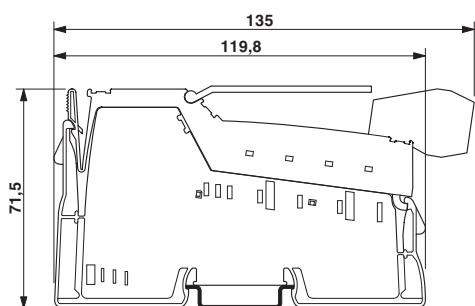
UL Listed 

cUL Listed 

cULus Listed 

### Drawings

Dimensional drawing



Connection diagram

