

# IB IL 24 PWR IN/2F-DF-PAC - Inline terminal



2863779

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Inline power terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse (Main and segment voltage) and diagnostics

The figure shows the version IB IL 24 PWR IN-PAC

## Your advantages

- Supply of the 24 V main voltage  $U_{M}$
- Feed-in or provision of the 24 V segment voltage  $U_{S}$
- Diagnostic and status indicators

## Commercial data

Item number	2863779
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR01
Product key	DRI121
GTIN	4017918962210
Weight per piece (including packing)	84 g
Weight per piece (excluding packing)	44 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

### Dimensions

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm

### Interfaces

#### Inline local bus

Number of interfaces	2
Connection method	Inline data jumper
Transmission speed	500 kbps

### System properties

#### Programming data (LocalbusSlave)

Length code (hex)	C2
ID code (dec.)	190
Length code (dec)	194
Process data channel	2 bit
Input address area	2 bit
Output address area	0 Byte
Parameter channel (PCP)	0 Byte
Register length (bus)	2 bit

#### Fieldbus data telegram

Required parameter data	1 Byte
Required configuration data	4 Byte

### Product properties

Product type	I/O component
Product family	Inline
Type	modular Inline

#### Insulation characteristics

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

Fuse	Safety fuse 5 x 20 with 6.3 A slow
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#### Potentials: Communications power ( $U_L$ )

Supply voltage	7.5 V DC (via voltage jumper)
Current draw	max. 45 mA DC

#### Potentials: Main circuit supply ( $U_M$ )

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Supply voltage	24 V DC (via Inline connector)
Supply voltage range	19.2 V ... 30 V (including all tolerances, including ripple)
Power supply	max. 4 A (sum of $U_M + U_S$ )

## Potentials: Segment circuit supply ( $U_S$ )

Supply voltage	24 V DC (via Inline connector)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Power supply	max. 4 A (sum of $U_M + U_S$ )

## Connection data

### Connection technology

Connection name	Inline connector
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### Inline connector

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

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
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## Mounting

Mounting type	DIN rail mounting
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## Classifications

### UNSPSC

UNSPSC 21.0	32151602
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

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