

Inline terminal - IB IL 24 DO 32/HD-2MBD-PAC - 2692898

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Inline digital output terminal, complete with accessories (connector and labeling field), transmission speed 2 MBD, 32 outputs, 24 V DC, 500 mA, single-wire connection method

The illustration shows the version
IB IL 24 Do 32/HD-PAC

Product description

The terminal is designed for use within an Inline station.
It is used to output digital signals.

Why buy this product

- ☒ 32 digital outputs
- ☒ Connection of actuators in single-wire technology
- ☒ Nominal current per output: 500 mA
- ☒ Total current of the terminal: 8 A
- ☒ Short-circuit-proof and overload-protected outputs
- ☒ Diagnostic and status indicators



Key commercial data

Packing unit	1 pc
GTIN	
Weight per Piece (excluding packing)	195.0 g
Custom tariff number	85389091
Country of origin	Germany

Technical data

Note

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

Width	48.8 mm
Height	119.8 mm

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Technical data

Dimensions

Depth	71.5 mm
Note on dimensions	Housing dimensions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °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

General

Net weight	195 g
Note on weight specifications	with connectors
Mounting type	DIN rail
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	5 V supply, incoming remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	5 V supply, outgoing remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min
	7.5 V supply (bus logics)/24 V supply (I/O) 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

Interfaces

Fieldbus system	Lokalbus
Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	2 MBit/s

Power supply for module electronics

Communications power U_L	7.5 V (via voltage jumper)
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Inline potentials

Communications power U_L	7.5 V DC
Current consumption from U_L	max. 140 mA
Main circuit supply U_M	24 V DC
Segment supply voltage U_S	24 V DC (nominal value)
Current consumption from U_S	max. 8 A

Classifications

eCl@ss

eCl@ss 4.0	27240404
eCl@ss 4.1	27240404

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Classifications

eCl@ss

eCl@ss 5.0	27242204
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604

ETIM

ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	39121311
UNSPSC 13.2	39121311

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

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Approvals

cUL Recognized c



cULus Recognized c



Accessories

Accessories

Connector set

Connector set - IB IL DI/DO 8-PLSET - 2860950



Connector set

Front adapter

Front adapters - FLKM 14-PA-INLINE/32 - 2302777



VARIOFACE front adapter for Inline modules, for transferring 32 (4 x 8) digital signals.

Labeling panel

Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



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Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Terminal marking

Insert strip - ESL 62X10 - 0809492

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm



Insert strip - ESL 62X46 - 0809502

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 46 mm



User manual - IL SYS INST UM - 2698724

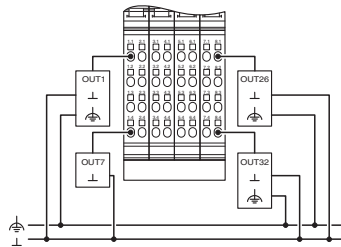
User manual, German, for installing terminals from the Inline product range



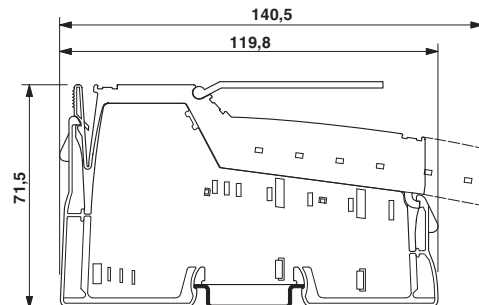
Drawings

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Connection diagram



Dimensioned drawing



Block diagram

