

## Inline terminal - IB IL 24/48 DOR 2/W-PAC - 2863119

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Inline digital output terminal block, complete with accessories (connector plug and labeling field), 2 SPDT relay contacts, gold contact, 5 - 48 V DC, 2 A

### Product Features

- 2 SPDT relays
- Floating connections for 2 actuators
- Nominal current per output: 2 A
- Total current of the terminal: 4&nbsp;A
- Diagnostic and status indicators



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	80.9 GRM
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	12.2 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
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## Inline terminal - IB IL 24/48 DOR 2/W-PAC - 2863119

### Technical data

#### Ambient conditions

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

#### General

Weight	63 g
Note on weight specifications	with connector
Mounting type	DIN rail
Operating mode	Process data mode with 2 bits
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	Relay contact / Bus logics 1.5 kV 50 Hz 1 min
	Contact to contact 1 kV 50 Hz 1 min
	Contact / PE 1 kV 50 Hz 1 min

#### Interfaces

Fieldbus system	Lokalbus
Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s

#### Power supply for module electronics

Supply voltage	24 V DC (nominal value)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Communications power $U_L$	7.5 V (via voltage jumper)
Current consumption	max. 30 mA (from the local bus)
Power consumption	max. 0.23 W (from the local bus)

#### Inline potentials

Communications power $U_L$	7.5 V DC
Current consumption from $U_L$	max. 30 mA
Power consumption	0.23 W (at $U_L$ )

#### Digital outputs

Output name	Relay output
Connection method	Spring-cage connection
Number of outputs	2
Nominal output voltage	48 V DC

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### Technical data

#### Digital outputs

Maximum output current per channel	2 A
Maximum output current per module / terminal block	4 A

### Classifications

#### eCl@ss

eCl@ss 4.0	27250302
eCl@ss 4.1	27250302
eCl@ss 5.0	27250302
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604

#### ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

#### 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

LR / DNV / GL / GL-SW / BV / GL

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#### Ex Approvals

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### Approvals

Approvals submitted

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#### Approval details

LR
DNV
GL
GL-SW
BV
GL

### Accessories

#### Accessories

##### Distance terminal

Inline terminal - IB IL DOR LV-SET-PAC - 2861645



Inline distance terminal, complete with accessories

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#### Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



#### Plug

## Inline terminal - IB IL 24/48 DOR 2/W-PAC - 2863119

### Accessories

Inline connector - IB IL SCN-8 - 2726337



Connector, for digital 1, 2 or 8-channel Inline terminals

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### 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

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Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

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Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618



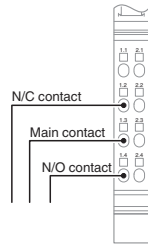
Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm

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### Drawings

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Connection diagram



Dimensioned drawing

