

## Inline terminal - IB IL DO 4 AC-1A - 2742696

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Inline digital output terminal block, without accessories, 4 outputs, 12 to 253 V AC, 1 A, 3-wire connection method

The illustration shows versions IB IL DO 1 AC and IB IL DO 4 AC-1A



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	160.4 GRM
Custom tariff number	85389099
Country of origin	Germany

### Technical data

#### Dimensions

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)
Permissible humidity (storage/transport)	75 % ... 85 % (slight temporary condensation may sometimes appear on the housing)
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

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### Technical data

#### Interfaces

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

#### Digital outputs

Output name	Digital outputs
Connection method	Spring-cage connection
	3-conductor
Number of outputs	4
Protective circuit	Overload protection, short-circuit protection of outputs
Maximum output current per channel	1 A
Maximum output current per module	4 A

#### Power supply for module electronics

Supply voltage	24 V DC (nominal value)
Supply voltage range	19.2 V DC ... 30 V DC
Communications power $U_L$	7.5 V (via voltage jumper)
Current consumption	max. 45 mA (from the local bus)
Power consumption	max. 0.34 W (from the local bus)

#### General

Weight	130 g
Note on weight specifications	Without plug
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) / I/O area 2500 V AC 50 Hz 1 min
	Routine test 1200 V AC 50 Hz 1 min
	I/O area / FE 500 V AC 50 Hz 1 min
	Output / Phase 500 V AC 50 Hz 1 min

#### Inline potentials

Communications power $U_L$	7.5 V DC
Current consumption from $U_L$	max. 45 mA
Main circuit supply $U_M$	230 V AC
Current consumption from $U_M$	max. 4 A AC

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## 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

## ETIM

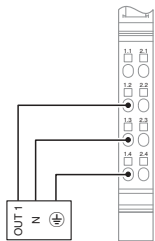
ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

## UNSPSC

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

## Drawings

Connection diagram



Dimensioned drawing

