

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

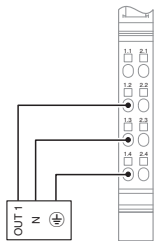
ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

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

