

Inline terminal - IB IL DO 1 AC-PAC - 2861920

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Inline digital output terminal block, complete with accessories (connector and labeling field), 1 output, 12 to 253 V AC, 500 mA, 3-wire connection method

Why buy this product

- 4 digital outputs
- Connection of actuators in 3-wire technology
- Nominal current per output: 500 mA
- Diagnostic and status indicators



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 894610
Weight per Piece (excluding packing)	45.0 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	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
Ambient temperature (storage/transport)	-25 °C ... 85 °C

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Technical data

Ambient conditions

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

General

Net weight	45 g
Note on weight specifications	Without plug
Mounting type	DIN rail
Protection class	I, 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

Interfaces

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. 35 mA (from the local bus)

Inline potentials

Communications power U_L	7.5 V DC
Current consumption from U_L	max. 35 mA
Main circuit supply U_M	230 V AC
Current consumption from U_M	max. 0.5 A AC

Digital outputs

Output name	Digital outputs
Connection method	Spring-cage connection
	3-conductor
Number of outputs	1
Protective circuit	Overload protection, short-circuit protection of outputs

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Technical data

Digital outputs

Maximum output current per channel	500 mA
Maximum output current per module	500 mA

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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UL Recognized / cUL Recognized / cUL Recognized / UL Recognized / EAC / EAC / cULus Recognized


Ex Approvals


Approvals submitted


Approval details


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Approvals

UL Recognized 


cUL Recognized 

cUL Recognized 

UL Recognized 

EAC

EAC

cULus Recognized 

Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



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Accessories

Plug

Inline connector - IB IL SCN-8-AC-OCP - 2740274



Connector, colored identification, for digital 1, 2 or 8-channel Inline output terminal blocks

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

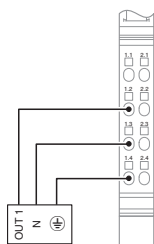
Insert strip - ESL 62X46 - 0809502



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

Drawings

Connection diagram



Dimensioned drawing

