

IB IL DO 4 AC-1A-PAC

Order No.: 2861658



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Inline digital output terminal block, complete with accessories
(connector and labeling field), 4 outputs, 12 to 253 V AC, 1 A, 3-wire
connection method



Commercial data

GTIN (EAN)	 4 017918 894498
sales group	K411
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 278 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
09/02/2010



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www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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information and data, please refer
to the user documentation. The
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Technical data

General data

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm

Note on dimensions	Housing dimensions
Weight	130 g
Note on weight specifications	Without plug
Mounting type	DIN rail
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
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	5 V supply incoming remote bus/7.5 V supply (bus logic) 500 V AC 50 Hz 1 min
	5 V supply outgoing remote bus/7.5 V supply (bus logic) 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

Interface

Name	Local bus
Type of connection	Inline data jumper
Transmission speed	500 kBaud

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. 45 mA (from the local bus)
Power consumption	max. 0.34 W (from the local bus)

Inline potential routing

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

Digital outputs

Output name	Digital outputs
Type of connection	Spring-cage connection
Connection method	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

Certificates / Approvals



Certification

GOST

Accessories

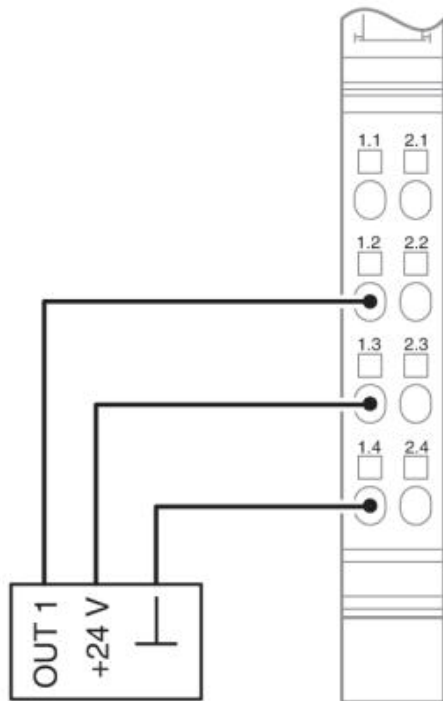
Item	Designation	Description
Marking		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
0809502	ESL 62X46	Insert strip for laser printer, lettering field: 62 x 46 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
2727515	IB IL FIELD 8	Labeling field, width: 48.8 mm

Plug/Adapter

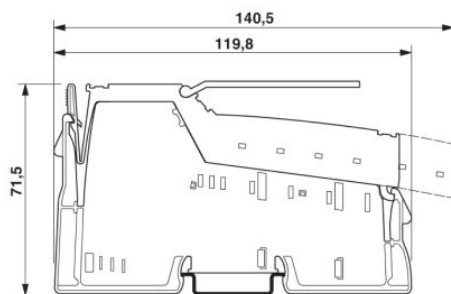
2740274	IB IL SCN-8-AC-OCP	Connector, colored identification, for digital 1, 2 or 8-channel Inline output terminal blocks
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Diagrams/Drawings

Connection diagram



Dimensioned drawing



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