


IB IL DI 8/S0-PAC

Order No.: 2897020



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S0 counter terminal, eight counter inputs/digital inputs, detecting counter pulses from impulse encoders with an S0 interface compliant with DIN 43864 as well as those from impulse encoders of class A compliant with IEC 62053-31

Commercial data	
GTIN (EAN)	4  046356 133098
Note	Made-to-order
sales group	K413
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 181 (AX-2011)

Product notes

WEEE/RoHS-compliant since:
08/22/2007



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Product description

The IB IL DI 8/S0-PAC terminal is designed for use within an Inline station. It is ideal for recording counting pulses from impulse encoders with an S0 interface in acc. with DIN 43864 and for Class A impulse encoders in acc. with IEC 62053-31.

Technical data

General data

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions
Weight	118 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)	0 % ... 85 % (without condensation)
Permissible humidity (storage/transport)	0 % ... 85 % (slight temporary condensation may sometimes appear on the housing)
Air pressure (operation)	80 kPa ... 106 kPa (up to 2000 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)/24 V supply (I/O) 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

Interface

Name	Local bus
Connection method	Inline data jumper
Transmission speed	500 kBaud

Digital inputs

Input name	Digital inputs
Description of the input	According to DIN 43864
Connection method	Spring-cage connection
	2, 3, 4-wire
Number of inputs	8
Input voltage	24 V DC (via voltage jumper)

Power supply for module electronics

Connection method	Via potential routing
	Inline potential jumper
Supply voltage	24 V DC (via voltage jumper)
Supply voltage range	19.2 V DC ... 30 V DC
Communications power U_L	7.5 V (via voltage jumper)

Inline potential routing

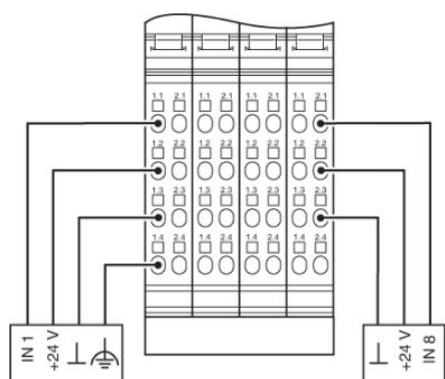
Communications power U_L	7.5 V DC
Current consumption from U_L	max. 50 mA
Segment supply voltage U_s	24 V DC (nominal value)
Current consumption from U_s	max. 2 A

Accessories

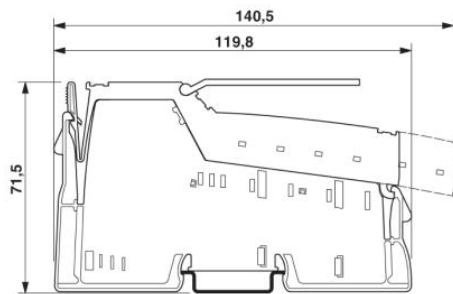
Item	Designation	Description
Marking		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
0809502	ESL 62X46	Insert strip for laser printer, lettering field: 62 x 46 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
2727515	IB IL FIELD 8	Labeling field, width: 48.8 mm

Diagrams/Drawings

Connection diagram



Dimensioned drawing



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