

Inline function terminal - IB IL SSI-IN-PAC - 2819574

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Inline measurement terminal block for absolute encoders, complete with accessories (connector and labeling field), 1 input for absolute rotation or position measurement systems, with SSI interface

Your advantages

- ✓ 1 single or multi-turn encoder with up to 25-bit resolution can be connected
- ✓ Transmission frequency of up to 1 MHz
- ✓ Shielded connection
- ✓ 5 V encoder supply including monitoring
- ✓ Parity monitoring
- ✓ Reversal of direction of rotation
- ✓ Gray or binary code

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 941154
GTIN	4017918941154
Weight per Piece (excluding packing)	100.000 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
-------------------------	---

Dimensions

Inline function terminal - IB IL SSI-IN-PAC - 2819574

Technical data

Dimensions

Width	12.2 mm
Height	135 mm
Depth	71.5 mm

Interfaces

Interface	Inline local bus
Connection method	Inline data jumper

Power supply

I/O voltage	24 V AC
Encoder supply voltage	5 V DC
Encoder supply current	max. 250 mA
Drawing encoder supply voltage	Main circuit U_M

Absolute encoder input

Number of inputs	1
Adjustable resolution	25 bit (maximum)
Transmission frequency	100 kHz
	200 kHz
	400 kHz
	800 kHz
	1 MHz

Incremental encoder input

Adjustable resolution	25 bit (maximum)
-----------------------	------------------

Inputs

Connection technology	Spring-cage connection
-----------------------	------------------------

Outputs

Number of outputs	1
Connection technology	2, 3-wire

General

Weight	71 g
--------	------

Inline potentials

Designation	Communications power (U_L)
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	max. 28 mA
Designation	Main circuit supply (U_M)
Supply voltage	24 V DC (via voltage jumper)

Inline function terminal - IB IL SSI-IN-PAC - 2819574

Technical data

Inline potentials

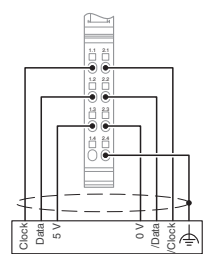
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	max. 66 mA

Environmental Product Compliance

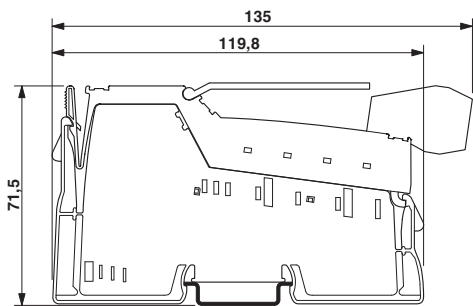
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Connection diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27250302
eCl@ss 4.1	27250304
eCl@ss 5.0	27250304
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242605
eCl@ss 8.0	27242605
eCl@ss 9.0	27242605

ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001601
ETIM 4.0	EC001601
ETIM 5.0	EC001601
ETIM 6.0	EC001601

Inline function terminal - IB IL SSI-IN-PAC - 2819574

Classifications

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602

Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Plug

Inline function terminal - IB IL SSI-IN-PAC - 2819574

Accessories

Inline shield connector - IB IL SCN-6 SHIELD - 2726353



Inline shield connector

Terminal marking

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 10 mm

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm

Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618



Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5 x 5.5 mm