

Inline function terminal - IB IL PM 3P/N/EF-PAC - 2700965

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Inline power measurement terminal for direct measurement of AC currents up to 5 A, including neutral conductor current and phase conductor voltages up to 400 V AC (phase/neutral conductor) or 690 V AC (phase/phase) complete with accessories (connectors and labeling fields)

Product Features

- 3 inputs for outer conductor voltages up to 690 V AC, direction connection supported
- 4 inputs, 1 A AC ... 5 A AC for phase currents and neutral conductor currents
- Triggers for meas. intervals can be freely defined
- Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	240.0 g
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 ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	80 kPa ... 106 kPa (up to 2000 m above sea level)

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Technical data

Ambient conditions

Air pressure (storage/transport)	80 kPa ... 106 kPa (up to 2000 m above sea level)
Degree of protection	IP20

General

Mounting type	DIN rail
Net weight	200 g
Note on weight specifications	with connectors

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s

Power supply for module electronics

Communications power U_L	7.5 V (via voltage jumper)
Current consumption	typ. 130 mA (from the local bus)
Power consumption	typ. 1 W (at U_L)

Inline potentials

Communications power U_L	7.5 V (via voltage jumper)
Current consumption from U_L	typ. 130 mA

Standards and Regulations

Protection class	III, IEC 61140, EN 61140, VDE 0140-1
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Classifications

eCl@ss

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

ETIM

ETIM 3.0	EC001599
ETIM 4.0	EC001601
ETIM 5.0	EC001601

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Classifications

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

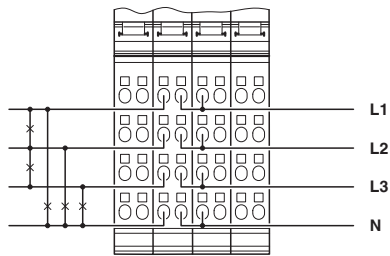
Approvals submitted

Approval details

EAC

Drawings

Connection diagram



Direct connection

Dimensional drawing

