

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)

Why buy this product

- ✓ 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 |
| GTIN |  4 046356 665919 |
| Weight per Piece (excluding packing) | 200.0 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) |
| Air pressure (storage/transport) | 80 kPa ... 106 kPa (up to 2000 m above sea level) |

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Technical data

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

General

| | |
|-------------------------------|--------------------------------------|
| Weight | 200 g |
| Note on weight specifications | with connectors |
| Mounting type | DIN rail |
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |

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 |

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 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 43201404 |
|-------------|----------|

Accessories

Accessories

Labeling panel

Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm



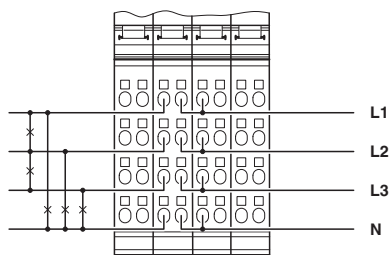
Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Drawings

Connection diagram



Direct connection

Dimensioned drawing

