

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

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Installation level terminal block, Push-in connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- Double function shafts on all levels
- The terminal blocks with knife disconnect zone in the upper level meet the safety requirement regarding individual circuit isolation of DIN VDE 0100-718



### Key commercial data

Packing unit	1 PCE
Minimum order quantity	50 PCE
Weight per Piece (excluding packing)	19.6 GRM
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Number of levels	3
Number of connections	5
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	30 A (with 4 mm <sup>2</sup> conductor cross section and 3-pos. terminal block) 16 A (Disconnect level)
Rated surge voltage	4 kV 6 kV
Pollution degree	3
Surge voltage category	III

# Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

## Technical data

### General

Insulating material group	I
Nominal current $I_N$	24 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	400 V (phase conductor/phase conductor)
	250 V (phase conductor/PE)
	(phase conductor/N)
Open side panel	ja

### Dimensions

Width	5.2 mm
Length	101 mm
Height NS 35/7,5	50.5 mm
Height NS 35/15	58 mm

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max.	12
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Connection method	Push-in connection
Stripping length	10 mm
Internal cylindrical gage	A3

## Classifications

### eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120

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## Classifications

### eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

### ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC001329

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / VDE Zeichengenehmigung / IECCE CB Scheme / GL / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12
Nominal current I <sub>N</sub>	20 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

# Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

## Approvals

cUL Recognized			
		B	D
mm <sup>2</sup> /AWG/kcmil	26-12	26-12	
Nominal current I <sub>N</sub>	20 A	10 A	
Nominal voltage U <sub>N</sub>	300 V	300 V	

GOST	
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VDE Zeichengenehmigung	
mm <sup>2</sup> /AWG/kcmil	0.2-4

IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	0.2-4

GL
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cULus Recognized	
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## Accessories

Accessories

Bridge

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

Plug-in bridge - FBS 2-5 - 3030161



Plug-in bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-5 - 3030174



Plug-in bridge, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-5 - 3030187



Plug-in bridge, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-5 - 3030190



Plug-in bridge, Number of positions: 5, Color: red

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Plug-in bridge - FBS 10-5 - 3030213



Plug-in bridge, Number of positions: 10, Color: red

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## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

Plug-in bridge - FBS 20-5 - 3030226



Plug-in bridge, Number of positions: 20, Color: red

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Plug-in bridge - FBS 50-5 - 3038930



Plug-in bridge, Number of positions: 50, Color: red

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### Documentation

Mounting material - PT-IL - 3208090

Operating decal for the Push-in Technology



### End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

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End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

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End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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End cover

End cover - D-PTI/3B - 3213976



End cover, Length: 101 mm, Width: 2.2 mm, Color: gray

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Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

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Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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Insulation stop sleeve - ISH 2,5/0,2 - 3002843



Insulation stop sleeve, Color: white

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Insulation stop sleeve - ISH 2,5/0,5 - 3002856



Insulation stop sleeve, Color: gray

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Insulation stop sleeve - ISH 2,5/1,0 - 3002869



Insulation stop sleeve, Color: black

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### Labeled terminal marker

Zack marker strip - ZB 5 CUS - 0824962



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

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## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

#### Marker for terminal blocks - UC-TM 5 CUS - 0824581



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

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#### Marker for terminal blocks - UCT-TM 5 CUS - 0829595



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, Lettering field: 4.6 x 10.5 mm

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#### Zack Marker strip, flat - ZBF 5 CUS - 0825025



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

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#### Marker for terminal blocks - UC-TMF 5 CUS - 0824638



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

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#### Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

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### Marker carriers

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

Marker carriers - CARRIER-TM 300 - 0828282



Marker carriers, gray, Unlabeled, Mounting type: Snap into flat marker groove, Lettering field: 10.5 x 300 mm

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### Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Partition plate

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

Partition plate - ATP-PTI/3 - 3213990



Partition plate, Length: 103 mm, Width: 2.2 mm, Height: 49.3 mm, Color: gray

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### Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040



Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts.

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Software - CLIP-PROJECT PROFESSIONAL - 5146053



Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts.

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### Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

#### Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

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#### Marker for terminal blocks - UC-TM 5 - 0818108



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

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#### Marker for terminal blocks - UCT-TM 5 - 0828734



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 10.5 mm

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#### Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

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#### Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm



## Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

### Accessories

Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks. Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

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Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Test adapter - PAI-4-N GY - 3032871



Test adapter, Color: gray

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Test adapter - PS-5 - 3030983



Test adapter, Color: red

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Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, Color: red

# Installation level terminal block - PTI 2,5-PE/L/LTB - 3213957

## Drawings

Circuit diagram

