

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

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Protective conductor double-level terminal block, connection method: Push-in connection, 1st and 2nd level, cross section:  $0.2 \text{ mm}^2 - 6 \text{ mm}^2$ , mounting type: NS 35/7,5, NS 35/15, color: green-yellow

## Your advantages

- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- Tested for railway applications

## Commercial data

Item number	3211854
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2224
Catalog page	Page 99 (C-1-2019)
GTIN	4046356482721
Weight per piece (including packing)	19.08 g
Weight per piece (excluding packing)	17.7 g
Customs tariff number	85369010
Country of origin	CN

# PTTB 4-PE - Protective conductor double-level terminal block



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## Technical data

### Product properties

Product type	Ground terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Number of connections	4
Number of rows	2

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

### Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	4 mm <sup>2</sup>

### 1st and 2nd level

Note	Please observe the current carrying capacity of the DIN rails.
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>

### 1st and 2nd level Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>

### Ex data

#### Rated data (ATEX/IECEx)

Identification	⚡ II 2 G Ex eb IIC Gb
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Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3030462 D-STTB 4
	1204517 SZF 1-0,6X3,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
output	(Permanent)

## Ex connection data General

Nominal cross section	4 mm²
Rated cross section AWG	12
Connection capacity rigid	0.2 mm² ... 6 mm²
Connection capacity AWG	24 ... 10
Connection capacity flexible	0.2 mm² ... 4 mm²
Connection capacity AWG	24 ... 12

## Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	83.5 mm
Depth on NS 35/7,5	47.5 mm
Depth on NS 35/15	55 mm

## Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

## Mechanical properties

### Mechanical data

Open side panel	Yes
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## Environmental and real-life conditions

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## Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Service life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	$6.12 \text{ (m/s}^2\text{)}^2/\text{Hz}$
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

## Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-2
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15

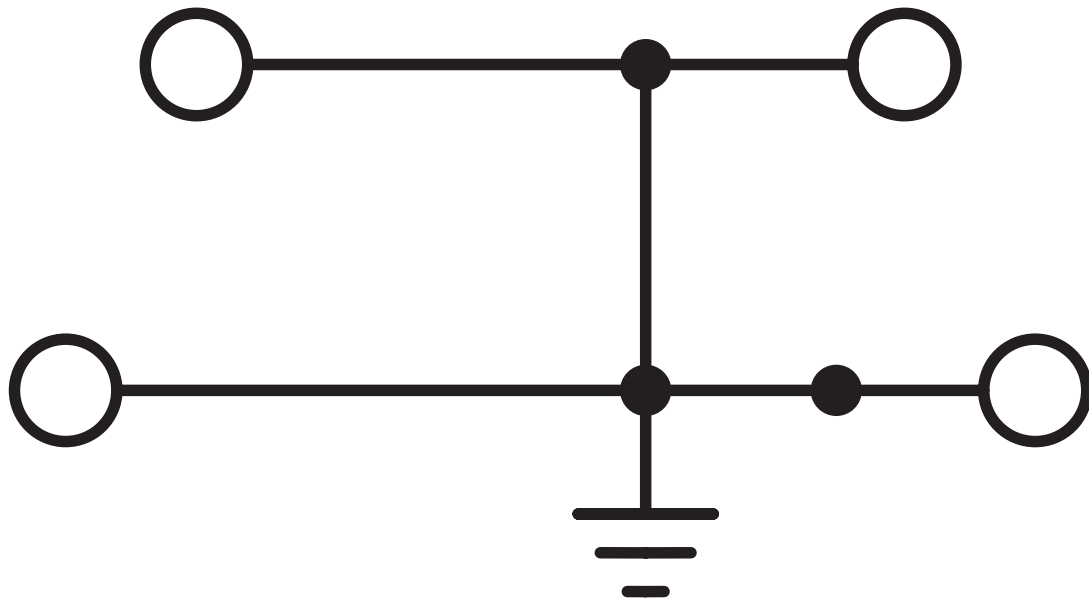
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## Drawings

Circuit diagram



# PTTB 4-PE - Protective conductor double-level terminal block



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3211854>



CSA  
Approval ID: 2030668



CSA  
Approval ID: 2030668



cUL Recognized  
Approval ID: FILE E 60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B	-	-	24 - 10	-
Use group C	-	-	24 - 10	-
Use group D	-	-	24 - 10	-



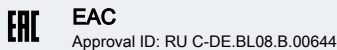
UL Recognized  
Approval ID: FILE E 60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B	-	-	24 - 10	-
Use group C	-	-	24 - 10	-
Use group D	-	-	24 - 10	-

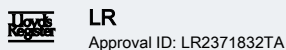


IECEE CB Scheme  
Approval ID: DE1-65864

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	-	-	-	0.2 - 4



EAC  
Approval ID: RU C-DE.BL08.B.00644



LR  
Approval ID: LR2371832TA

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**NK**  
Approval ID: 22ME0007



**BV**  
Approval ID: 39980/B0 BV



**VDE Zeichengenehmigung**  
Approval ID: 40037246

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	-	-	-	0.2 - 4



**PRS**  
Approval ID: TE/2107/880590/21

**ABS**

Approval ID: 21-2192245-PDA

**DNV**

Approval ID: TAE000010T



**EAC Ex**  
Approval ID: RU C-DE.HA91.B.00066



**IEC Ex**  
Approval ID: IECExPTB10.0046U

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Only flexible conductors	-	-	-	0.2 - 4
Only rigid conductors	-	-	-	0.2 - 6



**ATEX**  
Approval ID: PTB09ATEX1112U

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Only flexible conductors	-	-	-	0.2 - 4
Only rigid conductors	-	-	-	0.2 - 6

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**CCC**

Approval ID: 2020322313000631



**UKCA-EX**

Approval ID: CSAE 22UKEX1100U

cULus Recognized



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## Classifications

### ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250104

### ETIM

ETIM 9.0	EC000901
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### UNSPSC

UNSPSC 21.0	39121400
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# PTTB 4-PE - Protective conductor double-level terminal block



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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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## Accessories

### FBS 20-6 - Plug-in bridge

3030365

<https://www.phoenixcontact.com/us/products/3030365>



Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: red

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### FBS 10-6 - Plug-in bridge

3030271

<https://www.phoenixcontact.com/us/products/3030271>



Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: red

# PTTB 4-PE - Protective conductor double-level terminal block



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## FBS 6-6 - Plug-in bridge

1008238

<https://www.phoenixcontact.com/us/products/1008238>



Plug-in bridge, One side not fully isolated, pitch: 6.2 mm, number of positions: 6, color: red

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## FBS 5-6 - Plug-in bridge

3030349

<https://www.phoenixcontact.com/us/products/3030349>



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: red

# PTTB 4-PE - Protective conductor double-level terminal block

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## FBS 4-6 - Plug-in bridge

3030255

<https://www.phoenixcontact.com/us/products/3030255>



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: red

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## FBS 3-6 - Plug-in bridge

3030242

<https://www.phoenixcontact.com/us/products/3030242>



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: red

# PTTB 4-PE - Protective conductor double-level terminal block



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## FBS 2-6 - Plug-in bridge

3030336

<https://www.phoenixcontact.com/us/products/3030336>



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: red

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## FBS 50-6 - Plug-in bridge

3032224

<https://www.phoenixcontact.com/us/products/3032224>



Plug-in bridge, pitch: 6.2 mm, number of positions: 50, color: red

# PTTB 4-PE - Protective conductor double-level terminal block

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<https://www.phoenixcontact.com/us/products/3211854>

## FBSR 2-6 - Plug-in bridge

3033715

<https://www.phoenixcontact.com/us/products/3033715>



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: red

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## FBSR 3-6 - Plug-in bridge

3001594

<https://www.phoenixcontact.com/us/products/3001594>



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: red

# PTTB 4-PE - Protective conductor double-level terminal block



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## FBSR 4-6 - Plug-in bridge

3001595

<https://www.phoenixcontact.com/us/products/3001595>

Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: red



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## FBSR 5-6 - Plug-in bridge

3001596

<https://www.phoenixcontact.com/us/products/3001596>

Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: red





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## FBSR 10-6 - Plug-in bridge

3033716

<https://www.phoenixcontact.com/us/products/3033716>



Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: red

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## FBSRH 2-6 - Short-circuit connector

3033812

<https://www.phoenixcontact.com/us/products/3033812>



Short-circuit connector, pitch: 6.2 mm, number of positions: 2, color: red

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## FBS 2-6 BU - Plug-in bridge

3036932

<https://www.phoenixcontact.com/us/products/3036932>



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: blue

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## FBS 3-6 BU - Plug-in bridge

3036945

<https://www.phoenixcontact.com/us/products/3036945>



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: blue

# PTTB 4-PE - Protective conductor double-level terminal block

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<https://www.phoenixcontact.com/us/products/3211854>

## FBS 4-6 BU - Plug-in bridge

3036958

<https://www.phoenixcontact.com/us/products/3036958>



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: blue

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## FBS 5-6 BU - Plug-in bridge

3036961

<https://www.phoenixcontact.com/us/products/3036961>



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: blue

# PTTB 4-PE - Protective conductor double-level terminal block

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<https://www.phoenixcontact.com/us/products/3211854>

## FBS 10-6 BU - Plug-in bridge

3032198

<https://www.phoenixcontact.com/us/products/3032198>



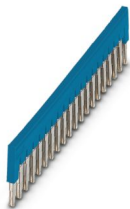
Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: blue

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## FBS 20-6 BU - Plug-in bridge

3032208

<https://www.phoenixcontact.com/us/products/3032208>



Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: blue

# PTTB 4-PE - Protective conductor double-level terminal block



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<https://www.phoenixcontact.com/us/products/3211854>

## FBS 50-6 BU - Plug-in bridge

3032211

<https://www.phoenixcontact.com/us/products/3032211>



Plug-in bridge, pitch: 6.2 mm, number of positions: 50, color: blue

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## ATP-STTB 4 - Partition plate

3030747

<https://www.phoenixcontact.com/us/products/3030747>



Partition plate, depth: 53 mm, width: 2 mm, height: 88.7 mm, color: gray

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## STP 5-2 - Marker carriers

0800967

<https://www.phoenixcontact.com/us/products/0800967>



Marker carriers, snaps into STTB 2,5, STTB 4, PTTB 2,5, and PTTB 4 double-level spring-cage terminal blocks, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: plug in, lettering field size: 5 x 10.5 mm

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## WS PT 4 - Warning label

1029563

<https://www.phoenixcontact.com/us/products/1029563>



Warning label, 5-section, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 6.2 mm

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

0801733

<https://www.phoenixcontact.com/us/products/0801733>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

0801681

<https://www.phoenixcontact.com/us/products/0801681>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

# PTTB 4-PE - Protective conductor double-level terminal block



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

1204119

<https://www.phoenixcontact.com/us/products/1204119>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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## NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

<https://www.phoenixcontact.com/us/products/1204122>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver



# PTTB 4-PE - Protective conductor double-level terminal block



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

0801704

<https://www.phoenixcontact.com/us/products/0801704>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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

1206421

<https://www.phoenixcontact.com/us/products/1206421>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

# PTTB 4-PE - Protective conductor double-level terminal block



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

1206434

<https://www.phoenixcontact.com/us/products/1206434>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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## NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

<https://www.phoenixcontact.com/us/products/0801762>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

# PTTB 4-PE - Protective conductor double-level terminal block



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

1206560

<https://www.phoenixcontact.com/us/products/1206560>

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



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

1201730

<https://www.phoenixcontact.com/us/products/1201730>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

# PTTB 4-PE - Protective conductor double-level terminal block



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

1201714

<https://www.phoenixcontact.com/us/products/1201714>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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## NS 35/15 WH PERF 2000MM - DIN rail perforated

0806602

<https://www.phoenixcontact.com/us/products/0806602>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white

# PTTB 4-PE - Protective conductor double-level terminal block



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## NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204135

<https://www.phoenixcontact.com/us/products/1204135>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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

1201756

<https://www.phoenixcontact.com/us/products/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

# PTTB 4-PE - Protective conductor double-level terminal block



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## NS 35/15 ZN PERF 2000MM - DIN rail perforated

1206599

<https://www.phoenixcontact.com/us/products/1206599>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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## NS 35/15 ZN UNPERF 2000MM - DIN rail, unperforated

1206586

<https://www.phoenixcontact.com/us/products/1206586>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

# PTTB 4-PE - Protective conductor double-level terminal block



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## NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

<https://www.phoenixcontact.com/us/products/1201895>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

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## NS 35/15 CAP - End cap

1206573

<https://www.phoenixcontact.com/us/products/1206573>

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



# PTTB 4-PE - Protective conductor double-level terminal block



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## NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

<https://www.phoenixcontact.com/us/products/1201798>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver

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

0808710

<https://www.phoenixcontact.com/us/products/0808710>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10



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## ZBF 6 CUS - Zack Marker strip, flat

0825027

<https://www.phoenixcontact.com/us/products/0825027>



Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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## UC-TMF 6 - Marker for terminal blocks

0818140

<https://www.phoenixcontact.com/us/products/0818140>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

# PTTB 4-PE - Protective conductor double-level terminal block



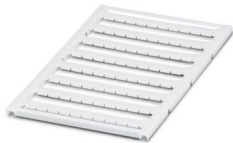
3211854

<https://www.phoenixcontact.com/us/products/3211854>

## UC-TMF 6 CUS - Marker for terminal blocks

0824646

<https://www.phoenixcontact.com/us/products/0824646>



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: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

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## UCT-TMF 6 - Marker for terminal blocks

0828746

<https://www.phoenixcontact.com/us/products/0828746>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## UCT-TMF 6 CUS - Marker for terminal blocks

0829665

<https://www.phoenixcontact.com/us/products/0829665>



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: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

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## ZBF 6,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808749

<https://www.phoenixcontact.com/us/products/0808749>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## ZBF 6,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808765

<https://www.phoenixcontact.com/us/products/0808765>



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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## ZBF 6,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810834

<https://www.phoenixcontact.com/us/products/0810834>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## ZBF 6,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810876

<https://www.phoenixcontact.com/us/products/0810876>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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## MPS-MT - Test plug

0201744

<https://www.phoenixcontact.com/us/products/0201744>



Test plug, with solder connection up to 1 mm<sup>2</sup> conductor cross section, number of positions: 1, color: gray

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## MPS-IH WH - Insulating sleeve

0201663

<https://www.phoenixcontact.com/us/products/0201663>

Insulating sleeve, color: white



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## MPS-IH RD - Insulating sleeve

0201676

<https://www.phoenixcontact.com/us/products/0201676>

Insulating sleeve, color: red



# PTTB 4-PE - Protective conductor double-level terminal block

3211854

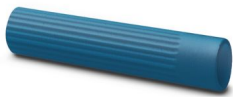
<https://www.phoenixcontact.com/us/products/3211854>

## MPS-IH BU - Insulating sleeve

0201689

<https://www.phoenixcontact.com/us/products/0201689>

Insulating sleeve, color: blue



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## MPS-IH YE - Insulating sleeve

0201692

<https://www.phoenixcontact.com/us/products/0201692>

Insulating sleeve, color: yellow



# PTTB 4-PE - Protective conductor double-level terminal block

3211854

<https://www.phoenixcontact.com/us/products/3211854>

## MPS-IH GN - Insulating sleeve

0201702

<https://www.phoenixcontact.com/us/products/0201702>

Insulating sleeve, color: green



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## MPS-IH GY - Insulating sleeve

0201728

<https://www.phoenixcontact.com/us/products/0201728>

Insulating sleeve, color: gray





# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## MPS-IH BK - Insulating sleeve

0201731

<https://www.phoenixcontact.com/us/products/0201731>

Insulating sleeve, color: black



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## ISH 4/0,5 - Insulating sleeve

3002885

<https://www.phoenixcontact.com/us/products/3002885>

Insulating sleeve, color: gray



# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## ISH 4/1,0 - Insulating sleeve

3002898

<https://www.phoenixcontact.com/us/products/3002898>



Insulating sleeve, color: black

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## PAI-4-FIX-5/6 BU - Test adapter

3035975

<https://www.phoenixcontact.com/us/products/3035975>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## PAI-4-FIX-5/6 OG - Test adapter

3035974

<https://www.phoenixcontact.com/us/products/3035974>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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## PAI-4-FIX-5/6 YE - Test adapter

3035977

<https://www.phoenixcontact.com/us/products/3035977>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## PAI-4-FIX-5/6 RD - Test adapter

3035976

<https://www.phoenixcontact.com/us/products/3035976>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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## PAI-4-FIX-5/6 GN - Test adapter

3035978

<https://www.phoenixcontact.com/us/products/3035978>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## PAI-4-FIX-5/6 BK - Test adapter

3035980

<https://www.phoenixcontact.com/us/products/3035980>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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## PAI-4-FIX-5/6 GY - Test adapter

3035982

<https://www.phoenixcontact.com/us/products/3035982>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## PAI-4-FIX-5/6 VT - Test adapter

3035979

<https://www.phoenixcontact.com/us/products/3035979>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

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## PAI-4-FIX-5/6 BN - Test adapter

3035981

<https://www.phoenixcontact.com/us/products/3035981>



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## PAI-4-FIX-5/6 WH - Test adapter

3035983

<https://www.phoenixcontact.com/us/products/3035983>

4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch



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## PS-6 - Test plug

3030996

<https://www.phoenixcontact.com/us/products/3030996>

Test plug, Modular test plug, number of positions: 1, color: red



# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## PS-6/2,3MM RD - Test plug

3038736

<https://www.phoenixcontact.com/us/products/3038736>



Test plug, number of positions: 1, color: red

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## TMT 6 R - Marker for terminal blocks

0816498

<https://www.phoenixcontact.com/us/products/0816498>



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, perforated, mounting type: snapped, snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 6.35 x 6.15 mm, Number of individual labels: 16000



# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## TMT 6 R CUS - Marker for terminal blocks

0824488

<https://www.phoenixcontact.com/us/products/0824488>



Marker for terminal blocks, can be ordered: by line, white, labeled according to customer specifications, mounting type: snap into universal marker groove, snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 6.35 x 6.15 mm

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## D-STTB 4 - End cover

3030462

<https://www.phoenixcontact.com/us/products/3030462>

End cover, depth: 39.7 mm, width: 2.2 mm, height: 83.5 mm, color: gray



# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

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

1204517

<https://www.phoenixcontact.com/us/products/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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## ST-BW - Actuation tool

1207608

<https://www.phoenixcontact.com/us/products/1207608>



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

# PTTB 4-PE - Protective conductor double-level terminal block



3211854

<https://www.phoenixcontact.com/us/products/3211854>

## PROJECT COMPLETE - Software

1050453

<https://www.phoenixcontact.com/us/products/1050453>



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download

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