

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

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Double-level terminal block, nom. voltage: 500 V, nominal current: 28 A, connection method: Push-in connection, 1st and 2nd level, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

## Your advantages

- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- The compact design and front connection enable wiring in a confined space
- 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
- Tested for railway applications

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## Commercial Data

Item number	3211786
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	A1 - Reihenklennen
Product Key	BE2214
Catalog Page	Page 99 (C-1-2019)
GTIN	4046356482707
Weight per Piece (including packing)	16,4 g
Weight per Piece (excluding packing)	15,2 g
Customs tariff number	85369010
Country of origin	CN

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## Technical Data

### Product properties

Product type	Multi-level terminal block
Number of positions	2
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Number of connections	4
Number of rows	2
Potentials	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

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

#### 1st and 2nd level

Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Conductor cross section solid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	24 ... 10
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 12
Flexible conductor cross section flexible (ferrule, w/o 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>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Nominal current	28 A (with 4 mm <sup>2</sup> conductor cross section)
Maximum load current	32 A (with 6 mm <sup>2</sup> conductor cross section, rigid)
Nominal voltage	500 V
Nominal cross section	4 mm <sup>2</sup>

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

Conductor cross section solid	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>

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Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
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## Ex data

### Rated data (ATEX/IECEX)

ATEX certificate	PTB 09 ATEX 1112 U
IEC Ex certificate	IECEX PTB 10.0046 U
Identification	Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3030462 D-STTB 4 3030747 ATP-STTB 4 1204517 SZF 1-0,6X3,5 3022276 CLIPFIX 35-5 3022218 CLIPFIX 35
Bridge data	23 A / 4 mm <sup>2</sup>
Ex temperature increase	40 K (23 A / 4 mm <sup>2</sup> )
Rated voltage	400 V
for bridging with bridge	440 V
- At bridging between non-adjacent terminal blocks	352 V
- At bridging between non-adjacent terminal blocks via PE terminal block	352 V
- At cut-to-length bridging	220 V
- At cut-to-length bridging with cover	352 V
- At cut-to-length bridging with partition plate	440 V
Rated insulation voltage	400 V

### Ex level General

Rated current	23 A (4 mm <sup>2</sup> )
Maximum load current	27 A (6 mm <sup>2</sup> )

### Ex connection data General

Nominal cross section	4 mm <sup>2</sup>
Rated cross section AWG	12
Connection capacity rigid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Connection capacity AWG	24 ... 10
Connection capacity flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection capacity AWG	24 ... 12

### Ex level Level 1

Contact resistance	0.67 mΩ
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### Ex level Level 2

Contact resistance	0.49 mΩ
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## Dimensions

Width	6.2 mm
End cover width	2.2 mm

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Height NS 35/15	55 mm
Height NS 35/7,5	47.5 mm
Height	1.87 "
Length	83.5 mm

## Material specifications

Color	gray
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

## Electrical tests

### Surge voltage test

Result	Test passed
Short-time withstand current 4 mm <sup>2</sup>	0.48 kA
Result	Test passed

### Power-frequency withstand voltage

Test voltage setpoint	1.89 kV
Result	Test passed

## Mechanical properties

### Mechanical data

Open side panel	Yes
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## Mechanical tests

### Mechanical strength

Result	Test passed
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### Attachment on the carrier

DIN rail/fixing support	NS 35
Result	Test passed

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## Test for conductor damage and slackening

Rotation speed	10 rpm
Revolutions	135
Conductor cross section/weight	0.2 mm <sup>2</sup> / 0.2 kg
	4 mm <sup>2</sup> / 0.9 kg
	6 mm <sup>2</sup> / 1.4 kg
Result	Test passed

## Environmental and real-life conditions

### Aging

Temperature cycles	192
Result	Test passed

### Needle-flame test

Time of exposure	30 s
Result	Test passed

### 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 (m/s <sup>2</sup> ) <sup>2</sup> /Hz
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

### Shocks

Pulse shape	Semi-sinusoidal
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 ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
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## Mounting

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

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## Drawings

Circuit diagram






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## Approvals

 <b>CSA</b> Approval ID: 13631				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	300 V	30 A	24 - 10	-
Use group C	300 V	30 A	24 - 10	-
Use group D	600 V	5 A	24 - 10	-


 <b>IECEE CB Scheme</b> Approval ID: DE1-65853				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	500 V	28 A	-	0.2 - 4

 <b>EAC</b> Approval ID: RU C-DE.AI30.B.01102				
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 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	300 V	28 A	24 - 10	-
Use group C	300 V	28 A	24 - 10	-
Use group D	600 V	5 A	24 - 10	-

 <b>LR</b> Approval ID: 12/20038 (E3)				
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 <b>ClassNK</b> Approval ID: 21ME0004				
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 <b>RS</b> Approval ID: 17.00013.272				
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**BV**  
Approval ID: 39980/B0 BV



**VDE Gutachten mit Fertigungsüberwachung**  
Approval ID: 40036696

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	500 V	28 A	-	0.2 - 4



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

**ABS**

Approval ID: 21-2192245-PDA

**DNV**

Approval ID: TAE000010T

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
			-	-



**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 $mm^2$
Only flexible conductors	440 V	23 A	-	0.2 - 4
Only rigid conductors	440 V	27 A	-	0.2 - 6



**ATEX**  
Approval ID: PTB09ATEX1112U

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Only flexible conductors	440 V	23 A	-	0.2 - 4
Only rigid conductors	440 V	27 A	-	0.2 - 6



**CCC**  
Approval ID: 2020322313000631

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<https://www.phoenixcontact.com/de/produkte/3211786>



**NEPSI**

Approval ID: GYJ20.1198U

# Double-level terminal block - PTTB 4



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## Classifications

### ECLASS

ECLASS-9.0	27141120
ECLASS-10.0.1	27141120
ECLASS-11.0	27141120

### ETIM

ETIM 8.0	EC000897
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

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

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## Accessories

 Note: Applying some accessories below might limit this product.


### Plug-in bridge

Plug-in bridge - FBS 20-6 - 3030365

<https://www.phoenixcontact.com/de/produkte/3030365>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A

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### Plug-in bridge

Plug-in bridge - FBS 10-6 - 3030271

<https://www.phoenixcontact.com/de/produkte/3030271>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>

## Plug-in bridge

Plug-in bridge - FBS 6-6 - 1008238

<https://www.phoenixcontact.com/de/produkte/1008238>



Plug-in bridge, Version with single- or double-sided cutting edge. Keep in mind the possible impact on touch protection as well as the air clearances and creepage distances. For applications in explosion-proof areas, the voltage reduces to the voltage specified in the Ex certificate for bridges that are cut to length., One side not fully isolated, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A

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## Plug-in bridge

Plug-in bridge - FBS 5-6 - 3030349

<https://www.phoenixcontact.com/de/produkte/3030349>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>




## Plug-in bridge

Plug-in bridge - FBS 4-6 - 3030255

<https://www.phoenixcontact.com/de/produkte/3030255>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A

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## Plug-in bridge

Plug-in bridge - FBS 3-6 - 3030242

<https://www.phoenixcontact.com/de/produkte/3030242>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A



# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>


## Plug-in bridge

Plug-in bridge - FBS 2-6 - 3030336

<https://www.phoenixcontact.com/de/produkte/3030336>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A

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## Plug-in bridge

Plug-in bridge - FBS 50-6 - 3032224

<https://www.phoenixcontact.com/de/produkte/3032224>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 26 A

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>


## Plug-in bridge

Plug-in bridge - FBSR 2-6 - 3033715

<https://www.phoenixcontact.com/de/produkte/3033715>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 20 A

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## Plug-in bridge

Plug-in bridge - FBSR 3-6 - 3001594

<https://www.phoenixcontact.com/de/produkte/3001594>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 20 A

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# Double-level terminal block - PTTB 4

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## Plug-in bridge

Plug-in bridge - FBSR 4-6 - 3001595

<https://www.phoenixcontact.com/de/produkte/3001595>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 20 A

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## Plug-in bridge

Plug-in bridge - FBSR 5-6 - 3001596

<https://www.phoenixcontact.com/de/produkte/3001596>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 20 A

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>




## Plug-in bridge

Plug-in bridge - FBSR 10-6 - 3033716

<https://www.phoenixcontact.com/de/produkte/3033716>



Plug-in bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 20 A

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## Potential bridge

Potential bridge - FBS-PV - 3032185

<https://www.phoenixcontact.com/de/produkte/3032185>



Vertical potential bridge, to connect the upper and lower level

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<https://www.phoenixcontact.com/de/produkte/3211786>

## Short-circuit connector

Short-circuit connector - FBSRH 2-6 - 3033812

<https://www.phoenixcontact.com/de/produkte/3033812>



Short-circuit connector, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 20 A

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## Plug-in bridge

Plug-in bridge - FBS 2-6 BU - 3036932

<https://www.phoenixcontact.com/de/produkte/3036932>



Plug-in bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 26 A

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>




## Plug-in bridge

Plug-in bridge - FBS 3-6 BU - 3036945

<https://www.phoenixcontact.com/de/produkte/3036945>



Plug-in bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 26 A

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## Plug-in bridge

Plug-in bridge - FBS 4-6 BU - 3036958

<https://www.phoenixcontact.com/de/produkte/3036958>



Plug-in bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 26 A

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>




## Plug-in bridge

Plug-in bridge - FBS 5-6 BU - 3036961

<https://www.phoenixcontact.com/de/produkte/3036961>



Plug-in bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 26 A

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## Plug-in bridge

Plug-in bridge - FBS 10-6 BU - 3032198

<https://www.phoenixcontact.com/de/produkte/3032198>



Plug-in bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 26 A

# Double-level terminal block - PTTB 4

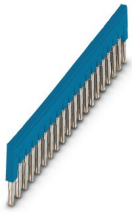
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## Plug-in bridge

Plug-in bridge - FBS 20-6 BU - 3032208

<https://www.phoenixcontact.com/de/produkte/3032208>



Plug-in bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 26 A

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## Plug-in bridge

Plug-in bridge - FBS 50-6 BU - 3032211

<https://www.phoenixcontact.com/de/produkte/3032211>



Plug-in bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 26 A

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## End cover

End cover - D-STTB 4 - 3030462

<https://www.phoenixcontact.com/de/produkte/3030462>

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



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## DIN rail perforated

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

<https://www.phoenixcontact.com/de/produkte/0801733>

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



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## Partition plate

Partition plate - ATP-STTB 4 - 3030747

<https://www.phoenixcontact.com/de/produkte/3030747>

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



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## DIN rail, unperforated

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

<https://www.phoenixcontact.com/de/produkte/0801681>

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



# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>

## Marker carriers

Marker carriers - STP 5-2 - 0800967

<https://www.phoenixcontact.com/de/produkte/0800967>



Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 2,5, STTB 4, PTTB 2,5, PTTB 4 can be marked with UC-TM 5, ZB 5 or UC-TMF 5, ZBF 5

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## DIN rail perforated

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

<https://www.phoenixcontact.com/de/produkte/1204119>



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

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>

## Screwdriver

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

<https://www.phoenixcontact.com/de/produkte/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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## DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122

<https://www.phoenixcontact.com/de/produkte/1204122>



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

# Double-level terminal block - PTTB 4

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## Mounting material

Mounting material - PT-IL - 3208090

<https://www.phoenixcontact.com/de/produkte/3208090>

Operating decal for the push-in Technology



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## DIN rail, unperforated

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

<https://www.phoenixcontact.com/de/produkte/0801704>



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

# Double-level terminal block - PTTB 4

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<https://www.phoenixcontact.com/de/produkte/3211786>

## Actuation tool

Actuation tool - ST-BW - 1207608

<https://www.phoenixcontact.com/de/produkte/1207608>

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



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## DIN rail perforated

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

<https://www.phoenixcontact.com/de/produkte/1206421>



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

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<https://www.phoenixcontact.com/de/produkte/3211786>

## Warning label

Warning label - WS PT 4 - 1029563

<https://www.phoenixcontact.com/de/produkte/1029563>



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

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## DIN rail, unperforated

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

<https://www.phoenixcontact.com/de/produkte/1206434>



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

# Double-level terminal block - PTTB 4

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## DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - 0801762

<https://www.phoenixcontact.com/de/produkte/0801762>



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

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## End cap

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

<https://www.phoenixcontact.com/de/produkte/1206560>

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





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## DIN rail perforated

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

<https://www.phoenixcontact.com/de/produkte/1201730>



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

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## DIN rail, unperforated

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

<https://www.phoenixcontact.com/de/produkte/1201714>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## DIN rail perforated

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

<https://www.phoenixcontact.com/de/produkte/0806602>



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

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## DIN rail, unperforated

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM-VPE 10 - 1204135

<https://www.phoenixcontact.com/de/produkte/1204135>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## DIN rail, unperforated

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

<https://www.phoenixcontact.com/de/produkte/1201756>



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

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## DIN rail perforated

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

<https://www.phoenixcontact.com/de/produkte/1206599>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## DIN rail, unperforated

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

<https://www.phoenixcontact.com/de/produkte/1206586>



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

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## DIN rail, unperforated

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM-VPE 10 - 1201895

<https://www.phoenixcontact.com/de/produkte/1201895>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## End cap

End cap - NS 35/15 CAP - 1206573

<https://www.phoenixcontact.com/de/produkte/1206573>

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



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## DIN rail, unperforated

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM-VPE 10 - 1201798

<https://www.phoenixcontact.com/de/produkte/1201798>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Zack Marker strip, flat

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

<https://www.phoenixcontact.com/de/produkte/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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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6 CUS - 0825027

<https://www.phoenixcontact.com/de/produkte/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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Marker for terminal blocks

Marker for terminal blocks - UC-TMF 6 - 0818140

<https://www.phoenixcontact.com/de/produkte/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

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## Marker for terminal blocks

Marker for terminal blocks - UC-TMF 6 CUS - 0824646

<https://www.phoenixcontact.com/de/produkte/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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 6 - 0828746

<https://www.phoenixcontact.com/de/produkte/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

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## Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 6 CUS - 0829665

<https://www.phoenixcontact.com/de/produkte/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



# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,LGS:FORTL.ZAHLEN - 0808749

<https://www.phoenixcontact.com/de/produkte/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

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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,QR:FORTL.ZAHLEN - 0808765

<https://www.phoenixcontact.com/de/produkte/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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,LGS:GERADE ZAHLEN - 0810834

<https://www.phoenixcontact.com/de/produkte/0810834>



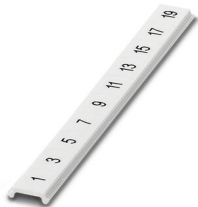
Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 6,LGS:UNGERADE ZAHLEN - 0810876

<https://www.phoenixcontact.com/de/produkte/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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Test plugs

Test plugs - MPS-MT - 0201744

<https://www.phoenixcontact.com/de/produkte/0201744>



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

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## Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

<https://www.phoenixcontact.com/de/produkte/0201663>



Insulating sleeve, color: white

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>



## Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676

<https://www.phoenixcontact.com/de/produkte/0201676>

Insulating sleeve, color: red



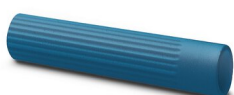
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## Insulating sleeve

Insulating sleeve - MPS-IH BU - 0201689

<https://www.phoenixcontact.com/de/produkte/0201689>

Insulating sleeve, color: blue



# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Insulating sleeve

Insulating sleeve - MPS-IH YE - 0201692

<https://www.phoenixcontact.com/de/produkte/0201692>

Insulating sleeve, color: yellow



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## Insulating sleeve

Insulating sleeve - MPS-IH GN - 0201702

<https://www.phoenixcontact.com/de/produkte/0201702>

Insulating sleeve, color: green



# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Insulating sleeve

Insulating sleeve - MPS-IH GY - 0201728

<https://www.phoenixcontact.com/de/produkte/0201728>

Insulating sleeve, color: gray



## Insulating sleeve

Insulating sleeve - MPS-IH BK - 0201731

<https://www.phoenixcontact.com/de/produkte/0201731>

Insulating sleeve, color: black



# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>



## Insulating sleeve

Insulating sleeve - ISH 4/0,5 - 3002885

<https://www.phoenixcontact.com/de/produkte/3002885>



Insulating sleeve, color: gray

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## Insulating sleeve

Insulating sleeve - ISH 4/1,0 - 3002898

<https://www.phoenixcontact.com/de/produkte/3002898>



Insulating sleeve, color: black

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Test adapter

Test adapter - PAI-4-FIX-5/6 BU - 3035975

<https://www.phoenixcontact.com/de/produkte/3035975>



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

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## Test adapter

Test adapter - PAI-4-FIX-5/6 OG - 3035974

<https://www.phoenixcontact.com/de/produkte/3035974>



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

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# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Test adapter

Test adapter - PAI-4-FIX-5/6 YE - 3035977

<https://www.phoenixcontact.com/de/produkte/3035977>



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

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## Test adapter

Test adapter - PAI-4-FIX-5/6 RD - 3035976

<https://www.phoenixcontact.com/de/produkte/3035976>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Test adapter

Test adapter - PAI-4-FIX-5/6 GN - 3035978

<https://www.phoenixcontact.com/de/produkte/3035978>



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

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## Test adapter

Test adapter - PAI-4-FIX-5/6 BK - 3035980

<https://www.phoenixcontact.com/de/produkte/3035980>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Test adapter

Test adapter - PAI-4-FIX-5/6 GY - 3035982

<https://www.phoenixcontact.com/de/produkte/3035982>

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



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## Test adapter

Test adapter - PAI-4-FIX-5/6 VT - 3035979

<https://www.phoenixcontact.com/de/produkte/3035979>

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



# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Test adapter

Test adapter - PAI-4-FIX-5/6 BN - 3035981

<https://www.phoenixcontact.com/de/produkte/3035981>



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

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## Test adapter

Test adapter - PAI-4-FIX-5/6 WH - 3035983

<https://www.phoenixcontact.com/de/produkte/3035983>



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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Test plugs

Test plugs - PS-6 - 3030996

<https://www.phoenixcontact.com/de/produkte/3030996>



Test plugs, Modular test plug, color: red

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## Test plugs

Test plugs - PS-6/2,3MM RD - 3038736

<https://www.phoenixcontact.com/de/produkte/3038736>



Test plugs, color: red

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Software

Software - PROJECT COMPLETE - 1050453

<https://www.phoenixcontact.com/de/produkte/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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## Marker for terminal blocks

Marker for terminal blocks - TMT 6 R - 0816498

<https://www.phoenixcontact.com/de/produkte/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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## Marker for terminal blocks

Marker for terminal blocks - TMT 6 R CUS - 0824488

<https://www.phoenixcontact.com/de/produkte/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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## End clamp

End clamp - CLIPFIX 35 - 3022218

<https://www.phoenixcontact.com/de/produkte/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

# Double-level terminal block - PTTB 4

3211786

<https://www.phoenixcontact.com/de/produkte/3211786>

## End clamp

End clamp - CLIPFIX 35-5 - 3022276

<https://www.phoenixcontact.com/de/produkte/3022276>



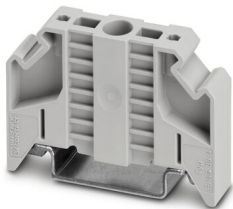
Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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## End clamp

End clamp - E/NS 35 N - 0800886

<https://www.phoenixcontact.com/de/produkte/0800886>



End clamp, width: 9.5 mm, color: gray

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