

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

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Double-level terminal block, Current and voltage are determined by the plug used., nom. voltage: 500 V, nominal current: 16 A, connection method: Push-in / plug connection, 1st and 2nd level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: black

## Your advantages

- 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<br/>
- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- Tested for railway applications

## Commercial data

Item number	3212444
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2241
GTIN	4055626012834
Weight per piece (including packing)	6.23 g
Weight per piece (excluding packing)	6.23 g
Customs tariff number	85369010
Country of origin	DE

# PTTB 1,5/S/2P BK - Double-level terminal block

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## Technical data

### Notes

General	Current and voltage are determined by the plug used.
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### Product properties

Product type	Plug-in terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
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	0.56 W

### Connection data

Number of connections per level	2
Nominal cross section	1.5 mm <sup>2</sup>

#### 1st and 2nd level

Stripping length	8 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup> Using the AI-S 1-8 TQ ferrule, Item No. 1200293, is recommended
Nominal current	16 A (observe derating)
Maximum load current	16 A (with 1.5 mm <sup>2</sup> conductor cross section)
Nominal voltage	500 V
Nominal cross section	1.5 mm <sup>2</sup>

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

Conductor cross section rigid	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

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Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm <sup>2</sup> ... 1 mm <sup>2</sup>
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## Dimensions

Width	3.5 mm
End cover width	2.2 mm
Height	69.3 mm
Depth on NS 35/7,5	42.6 mm
Depth on NS 35/15	50.1 mm

## Material specifications

Color	black
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

## Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-60 °C (max. operating temperature see derating curve)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, no longer than 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 61984
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# PTTB 1,5/S/2P BK - Double-level terminal block

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## Mounting

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

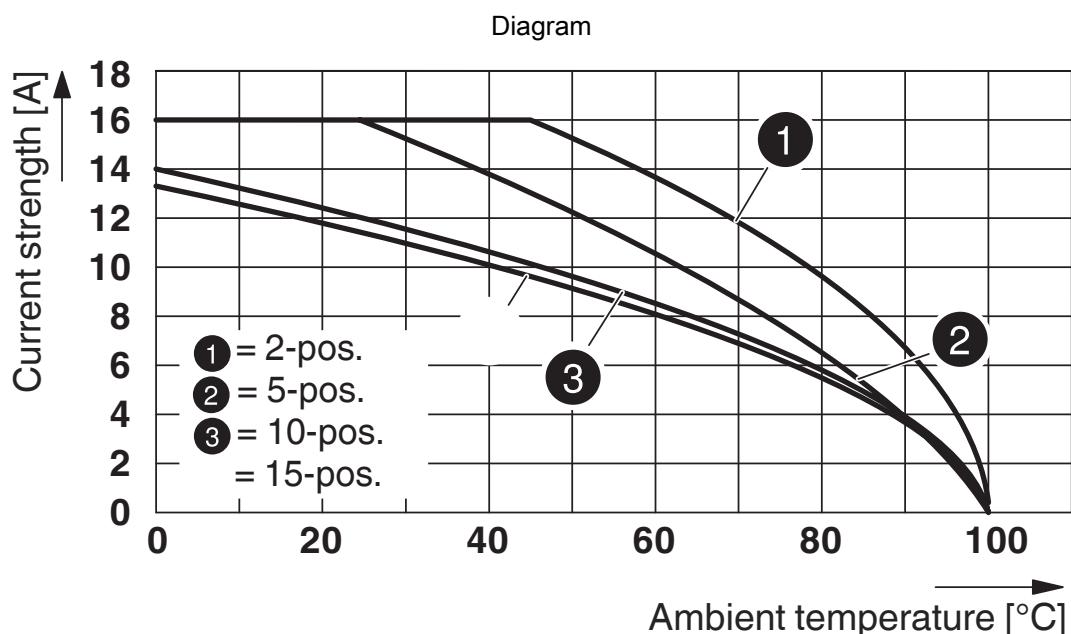
# PTTB 1,5/S/2P BK - Double-level terminal block

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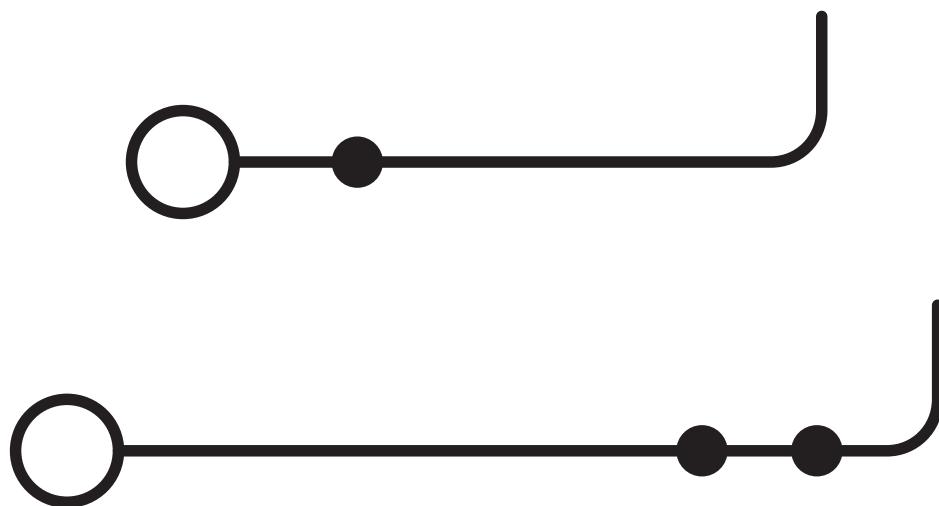
<https://www.phoenixcontact.com/us/products/3212444>



## Drawings



Circuit diagram



# PTTB 1,5/S/2P BK - Double-level terminal block

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<https://www.phoenixcontact.com/us/products/3212444>



## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3212444>

**DNV**

Approval ID: TAE00003JE

 **CSA**  
Approval ID: 2030668

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
Use group B	300 V	15 A	26 - 14	-
Use group C	300 V	15 A	26 - 14	-
Use group D	600 V	5 A	26 - 14	-

 **IECEE CB Scheme**  
Approval ID: DE1-65179

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
	500 V	-	-	0.14 - 1.5

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

 **cULus Recognized**  
Approval ID: E60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
Use group B	300 V	15 A	26 - 14	-
Use group C	300 V	15 A	26 - 14	-
Use group D	600 V	5 A	26 - 14	-

 **LR**  
Approval ID: LR2371832TA

 **ClassNK** **NK**  
Approval ID: 14ME0912

# PTTB 1,5/S/2P BK - Double-level terminal block

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**BV**

Approval ID: 39979/B0 BV



**VDE Gutachten mit Fertigungsüberwachung**

Approval ID: 40034766

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
	500 V	-	-	-

# PTTB 1,5/S/2P BK - Double-level terminal block

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## Classifications

### ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250117

### ETIM

ETIM 9.0	EC000897
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### UNSPSC

UNSPSC 21.0	39121400
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# PTTB 1,5/S/2P BK - Double-level terminal block

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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.

### FBS 2-3,5 - Plug-in bridge

3213014

<https://www.phoenixcontact.com/us/products/3213014>

Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: red



 Max. current carrying capacity: 17.5 A

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### FBS 3-3,5 - Plug-in bridge

3213027

<https://www.phoenixcontact.com/us/products/3213027>

Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: red



 Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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<https://www.phoenixcontact.com/us/products/3212444>

## FBS 4-3,5 - Plug-in bridge

3213030

<https://www.phoenixcontact.com/us/products/3213030>

Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: red



Max. current carrying capacity: 17.5 A

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## FBS 5-3,5 - Plug-in bridge

3213043

<https://www.phoenixcontact.com/us/products/3213043>

Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: red



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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## FBS 10-3,5 - Plug-in bridge

3213056

<https://www.phoenixcontact.com/us/products/3213056>

Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: red



Max. current carrying capacity: 17.5 A

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## FBS 20-3,5 - Plug-in bridge

3213069

<https://www.phoenixcontact.com/us/products/3213069>

Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: red



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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## FBS 2-3,5 BU - Plug-in bridge

3213086

<https://www.phoenixcontact.com/us/products/3213086>

Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: blue



Max. current carrying capacity: 17.5 A

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## FBS 3-3,5 BU - Plug-in bridge

3213099

<https://www.phoenixcontact.com/us/products/3213099>

Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: blue



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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<https://www.phoenixcontact.com/us/products/3212444>

## FBS 4-3,5 BU - Plug-in bridge

3213109

<https://www.phoenixcontact.com/us/products/3213109>

Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: blue



Max. current carrying capacity: 17.5 A

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## FBS 5-3,5 BU - Plug-in bridge

3213112

<https://www.phoenixcontact.com/us/products/3213112>

Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: blue



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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## FBS 10-3,5 BU - Plug-in bridge

3213125

<https://www.phoenixcontact.com/us/products/3213125>

Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: blue



Max. current carrying capacity: 17.5 A

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## FBS 20-3,5 BU - Plug-in bridge

3213138

<https://www.phoenixcontact.com/us/products/3213138>

Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: blue



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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## FBS 2-3,5 GY - Plug-in bridge

3213153

<https://www.phoenixcontact.com/us/products/3213153>

Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: gray



Max. current carrying capacity: 17.5 A

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## FBS 3-3,5 GY - Plug-in bridge

3213167

<https://www.phoenixcontact.com/us/products/3213167>

Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: gray



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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## FBS 4-3,5 GY - Plug-in bridge

3213180

<https://www.phoenixcontact.com/us/products/3213180>

Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: gray



Max. current carrying capacity: 17.5 A

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## FBS 5-3,5 GY - Plug-in bridge

3213183

<https://www.phoenixcontact.com/us/products/3213183>

Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: gray



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block



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## FBS 10-3,5 GY - Plug-in bridge

3213196

<https://www.phoenixcontact.com/us/products/3213196>

Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: gray



Max. current carrying capacity: 17.5 A

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## FBS 20-3,5 GY - Plug-in bridge

3213206

<https://www.phoenixcontact.com/us/products/3213206>

Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: gray



Max. current carrying capacity: 17.5 A

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# PTTB 1,5/S/2P BK - Double-level terminal block

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<https://www.phoenixcontact.com/us/products/3212444>



## FBS 1,5/S-PV - Potential bridge

3216263

<https://www.phoenixcontact.com/us/products/3216263>

Vertical potential bridge, to connect the upper and lower level



## 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



# PTTB 1,5/S/2P BK - Double-level terminal block



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<https://www.phoenixcontact.com/us/products/3212444>

## D-PTTB 1,5/S/2P - End cover

3212471

<https://www.phoenixcontact.com/us/products/3212471>

End cover, depth: 34.9 mm, width: 2.2 mm, height: 69.3 mm, color: gray



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## PC - Coding star

3040588

<https://www.phoenixcontact.com/us/products/3040588>

Coding star, 4-section, depth: 6 mm, width: 3 mm, height: 3 mm, color: red



# PTTB 1,5/S/2P BK - Double-level terminal block



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<https://www.phoenixcontact.com/us/products/3212444>

## AI-S 1 - 8 TQ - Ferrule

1200293

<https://www.phoenixcontact.com/us/products/1200293>

Ferrule, S-Slimline, sleeve length: 8 mm, color: turquoise



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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



# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

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

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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

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

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

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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

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

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

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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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# PTTB 1,5/S/2P BK - Double-level terminal block



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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

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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



# PTTB 1,5/S/2P BK - Double-level terminal block



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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

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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

# PTTB 1,5/S/2P BK - Double-level terminal block



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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

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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

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

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



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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



# PTTB 1,5/S/2P BK - Double-level terminal block



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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

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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

# PTTB 1,5/S/2P BK - Double-level terminal block



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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



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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



# PTTB 1,5/S/2P BK - Double-level terminal block



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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



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## MPS-IH WH - Insulating sleeve

0201663

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

Insulating sleeve, color: white



# PTTB 1,5/S/2P BK - Double-level terminal block



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## MPS-IH RD - Insulating sleeve

0201676

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

Insulating sleeve, color: red



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## MPS-IH BU - Insulating sleeve

0201689

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

Insulating sleeve, color: blue



# PTTB 1,5/S/2P BK - Double-level terminal block



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## MPS-IH YE - Insulating sleeve

0201692

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

Insulating sleeve, color: yellow



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## MPS-IH GN - Insulating sleeve

0201702

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

Insulating sleeve, color: green



# PTTB 1,5/S/2P BK - Double-level terminal block



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<https://www.phoenixcontact.com/us/products/3212444>

## MPS-IH GY - Insulating sleeve

0201728

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

Insulating sleeve, color: gray



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## MPS-IH BK - Insulating sleeve

0201731

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

Insulating sleeve, color: black



# PTTB 1,5/S/2P BK - Double-level terminal block



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## PS-3,5 - Test plug

3031010

<https://www.phoenixcontact.com/us/products/3031010>

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



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## DP PS-3,5 - Spacer plate

3031011

<https://www.phoenixcontact.com/us/products/3031011>

Spacer plate, depth: 33.5 mm, width: 3.5 mm, height: 15.9 mm, number of positions: 1, color: red



# PTTB 1,5/S/2P BK - Double-level terminal block



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## PS-3,5/E - Test plug

3031012

<https://www.phoenixcontact.com/us/products/3031012>

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



## ZBF 3,5:UNBEDRUCKT - Zack Marker strip, flat

0829392

<https://www.phoenixcontact.com/us/products/0829392>

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 3.5 mm, lettering field size: 3.5 x 5.2 mm, Number of individual labels: 10



# PTTB 1,5/S/2P BK - Double-level terminal block



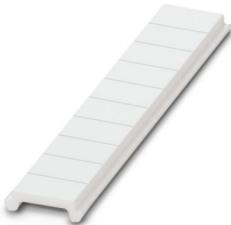
3212444

<https://www.phoenixcontact.com/us/products/3212444>

## ZBF 3,5 CUS - Zack Marker strip, flat

0829394

<https://www.phoenixcontact.com/us/products/0829394>



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: 3.5 mm, lettering field size: 3.5 x 5.2 mm, Number of individual labels: 10

## ZBF 3,5,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0801406

<https://www.phoenixcontact.com/us/products/0801406>



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: 3.5 mm, lettering field size: 5.15 x 3.5 mm, Number of individual labels: 10

# PTTB 1,5/S/2P BK - Double-level terminal block



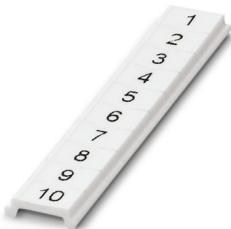
3212444

<https://www.phoenixcontact.com/us/products/3212444>

## ZBF 3,5,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0801407

<https://www.phoenixcontact.com/us/products/0801407>



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: 3.5 mm, lettering field size: 5.15 x 3.5 mm, Number of individual labels: 10

## UCT-TMF 3,5 - Marker for terminal blocks

0829486

<https://www.phoenixcontact.com/us/products/0829486>



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: 3.5 mm, lettering field size: 2.7 x 4.7 mm, Number of individual labels: 108

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## UCT-TMF 3,5 CUS - Marker for terminal blocks

0829644

<https://www.phoenixcontact.com/us/products/0829644>

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: 3.5 mm, lettering field size: 2.7 x 4.7 mm, Number of individual labels: 108



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## PP-H 1,5/S/1 - Plug

3212484

<https://www.phoenixcontact.com/us/products/3212484>

Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray



# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/1 BU - Plug

3212497

<https://www.phoenixcontact.com/us/products/3212497>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: blue

## PP-H 1,5/S/1 GNYE - Plug

3212507

<https://www.phoenixcontact.com/us/products/3212507>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: green-yellow

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/2 - Plug

3212510

<https://www.phoenixcontact.com/us/products/3212510>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 2, number of positions: 2, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray

## PP-H 1,5/S/3 - Plug

3212523

<https://www.phoenixcontact.com/us/products/3212523>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 3, number of positions: 3, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/4 - Plug

3212536

<https://www.phoenixcontact.com/us/products/3212536>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 4, number of positions: 4, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray

## PP-H 1,5/S/5 - Plug

3212549

<https://www.phoenixcontact.com/us/products/3212549>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 5, number of positions: 5, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/6 - Plug

3212552

<https://www.phoenixcontact.com/us/products/3212552>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 6, number of positions: 6, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray

## PP-H 1,5/S/7 - Plug

3212565

<https://www.phoenixcontact.com/us/products/3212565>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 7, number of positions: 7, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/8 - Plug

3212578

<https://www.phoenixcontact.com/us/products/3212578>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 8, number of positions: 8, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Plug-in mounting, color: gray

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## PP-H 1,5/S/9 - Plug

3212581

<https://www.phoenixcontact.com/us/products/3212581>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 9, number of positions: 9, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/10 - Plug

3212594

<https://www.phoenixcontact.com/us/products/3212594>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 10, number of positions: 10, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

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## PP-H 1,5/S/11 - Plug

3212604

<https://www.phoenixcontact.com/us/products/3212604>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 11, number of positions: 11, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/12 - Plug

3212617

<https://www.phoenixcontact.com/us/products/3212617>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 12, number of positions: 12, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

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## PP-H 1,5/S/13 - Plug

3212620

<https://www.phoenixcontact.com/us/products/3212620>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 13, number of positions: 13, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

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# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/14 - Plug

3212633

<https://www.phoenixcontact.com/us/products/3212633>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 14, number of positions: 14, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

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## PP-H 1,5/S/15 - Plug

3212646

<https://www.phoenixcontact.com/us/products/3212646>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 15, number of positions: 15, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/1-L - Plug

3212659

<https://www.phoenixcontact.com/us/products/3212659>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

## PP-H 1,5/S/1-L BU - Plug

3212662

<https://www.phoenixcontact.com/us/products/3212662>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: blue

# PTTB 1,5/S/2P BK - Double-level terminal block



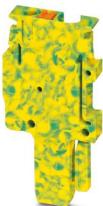
3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/1-L GNYE - Plug

3212675

<https://www.phoenixcontact.com/us/products/3212675>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: green-yellow

## PP-H 1,5/S/1-M - Plug

3212688

<https://www.phoenixcontact.com/us/products/3212688>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/1-M BU - Plug

3212691

<https://www.phoenixcontact.com/us/products/3212691>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: blue

## PP-H 1,5/S/1-M GNYE - Plug

3212701

<https://www.phoenixcontact.com/us/products/3212701>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: green-yellow

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/1-R - Plug

3212714

<https://www.phoenixcontact.com/us/products/3212714>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: gray

## PP-H 1,5/S/1-R BU - Plug

3212727

<https://www.phoenixcontact.com/us/products/3212727>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: blue

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PP-H 1,5/S/1-R GNYE - Plug

3212730

<https://www.phoenixcontact.com/us/products/3212730>



Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 1, number of positions: 1, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, color: green-yellow

## PZ 1,5/S/2 - Strain relief

3212918

<https://www.phoenixcontact.com/us/products/3212918>



Strain relief, width: 6.8 mm, height: 44.5 mm, number of positions: 2, color: black

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PRZ 1,5/S - Latching

3212905

<https://www.phoenixcontact.com/us/products/3212905>

Latching, length: 59 mm, color: orange



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## PR 1,5/S/2 - Latching

3212895

<https://www.phoenixcontact.com/us/products/3212895>

Latching, width: 6.8 mm, height: 28.9 mm, number of positions: 2, color: orange



# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## PR 1,5/S - Latching

3212882

<https://www.phoenixcontact.com/us/products/3212882>

Latching, width: 3.3 mm, height: 28.9 mm, number of positions: 1, color: orange



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## SZF 0-0,4X2,5 - Screwdriver

1204504

<https://www.phoenixcontact.com/us/products/1204504>

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip



# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## ST-BW 0 - Actuation tool

1200135

<https://www.phoenixcontact.com/us/products/1200135>

Actuation tool, for all 1.5 mm<sup>2</sup> spring cages from PT 1,5/S and FT 1,5/S



## 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

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## CRIMPFOX CENTRUS 6S - Crimping pliers

1213144

<https://www.phoenixcontact.com/us/products/1213144>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

## CRIMPFOX CENTRUS 10S - Crimping pliers

1213154

<https://www.phoenixcontact.com/us/products/1213154>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## CRIMPFOX CENTRUS 6H - Crimping pliers

1213146

<https://www.phoenixcontact.com/us/products/1213146>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

## CRIMPFOX CENTRUS 10H - Crimping pliers

1213156

<https://www.phoenixcontact.com/us/products/1213156>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## CRIMPFOX 10S - Crimping pliers

1212045

<https://www.phoenixcontact.com/us/products/1212045>

Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, unlockable pressure lock, lateral entry



## CRIMPFOX 6H - Crimping pliers

1212046

<https://www.phoenixcontact.com/us/products/1212046>

Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, unlockable pressure lock, lateral entry



# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## CRIMPFOX 2,5-M - Crimping pliers

1212719

<https://www.phoenixcontact.com/us/products/1212719>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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## CRIMPFOX 6-M - Crimping pliers

1212720

<https://www.phoenixcontact.com/us/products/1212720>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## CRIMPFOX 6 - Crimping pliers

1212034

<https://www.phoenixcontact.com/us/products/1212034>

Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp



## CRIMPFOX 6T - Crimping pliers

1212037

<https://www.phoenixcontact.com/us/products/1212037>

Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6 mm<sup>2</sup>, lateral entry, trapezoidal crimp



# PTTB 1,5/S/2P BK - Double-level terminal block



3212444

<https://www.phoenixcontact.com/us/products/3212444>

## CRIMPFOX 6T-F - Crimping pliers

1212038

<https://www.phoenixcontact.com/us/products/1212038>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, trapezoidal crimp

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## CRIMPFOX 6S-F - Crimping pliers

1212043

<https://www.phoenixcontact.com/us/products/1212043>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, square crimp

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# PTTB 1,5/S/2P BK - Double-level terminal block

3212444

<https://www.phoenixcontact.com/us/products/3212444>



CRIMPFOX-M - Crimping pliers

1212072

<https://www.phoenixcontact.com/us/products/1212072>

Basic pliers, for accommodating dies for a wide range of type of contacts



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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)