

# Ground modular terminal block - PT 2,5-TWIN-PE



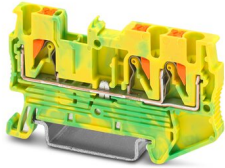
3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

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Ground modular terminal block, number of connections: 3, connection method: Push-in connection, 1 level, cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: green-yellow



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## 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

# Ground modular terminal block - PT 2,5-TWIN-PE



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## Commercial Data

Item number	3209565
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	A1 - Reihenklennen
Product Key	BE2222
Catalog Page	Page 71 (C-1-2019)
GTIN	4046356329835
Weight per Piece (including packing)	11,59 g
Weight per Piece (excluding packing)	9,2 g
Customs tariff number	85369010
Country of origin	DE

## Technical Data

### Product properties

Product type	Ground terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Number of connections	3
Number of rows	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.77 W

### Connection data

Grounding foot	Yes
Number of connections per level	3
Nominal cross section	2.5 mm <sup>2</sup>

#### 1 level

Note	Please observe the current carrying capacity of the DIN rails.
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Conductor cross section solid	0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	26 ... 12
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	26 ... 14
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Maximum load current	with 4 mm <sup>2</sup> conductor cross section, rigid

#### 1 level Connection cross sections directly pluggable

Conductor cross section solid	0.34 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

### Ex data

#### Rated data (ATEX/IECEx)

# Ground modular terminal block - PT 2,5-TWIN-PE



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ATEX certificate	PTB 09 ATEX 1111 U
IEC Ex certificate	IECEX PTB 10.0021 U
Identification	Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	3030488 D-ST 2,5-TWIN
	1204517 SZF 1-0,6X3,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35

## Ex connection data General

Nominal cross section	2.5 mm <sup>2</sup>
Rated cross section AWG	14
Connection capacity rigid	0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection capacity AWG	26 ... 12
Connection capacity flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection capacity AWG	26 ... 14

## Dimensions

Width	5.2 mm
End cover width	2.2 mm
Height	35.2 mm
Height NS 35/15	44 mm
Height NS 35/7,5	36.5 mm
Height	1.437 "
Length	60.5 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))	125 °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)	27,5 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

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## Mechanical data

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

### 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 ... 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 60947-7-2
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## Mounting

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

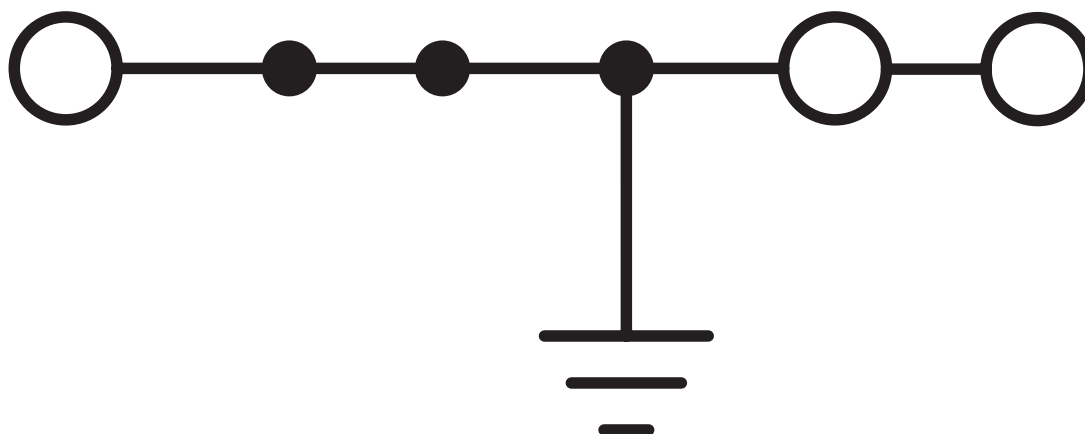
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## Drawings

Circuit diagram



# Ground modular terminal block - PT 2,5-TWIN-PE



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## Approvals

<b>DNV</b> Approval ID: TAE00003JE				
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<b>CSA</b> Approval ID: 13631				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
			26 - 12	-

<b>IECEE CB Scheme</b> Approval ID: DE1-62994				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
			-	0.2 - 2.5

<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			26 - 12	-
Use group C			26 - 12	-

<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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<b>BV</b> Approval ID: 25278/B0 BV				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
			-	-

# Ground modular terminal block - PT 2,5-TWIN-PE



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**EAC**

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



**VDE Zeichengenehmigung**

Approval ID: 40036433

Nominal Voltage  $U_N$

Nominal Current  $I_N$

Cross Section AWG

Cross Section  $mm^2$

-

0.2 - 2.5

**ABS**

Approval ID: 21-2192245-PDA



**NK**

Approval ID: 14ME0912



**LR**

Approval ID: 14/20056



**cUL Recognized**

Approval ID: FILE E 192998

Nominal Voltage  $U_N$

Nominal Current  $I_N$

Cross Section AWG

Cross Section  $mm^2$

26 - 12

-



**EAC Ex**

Approval ID: RU C-DE.AB72.B.02351



**IECEX**

Approval ID: IECEXPTB10.0021U

Nominal Voltage  $U_N$

Nominal Current  $I_N$

Cross Section AWG

Cross Section  $mm^2$

Only flexible  
conductors

-

0.14 - 2.5

Only rigid conductors

-

0.14 - 4



**UL Recognized**

Approval ID: E192998

Nominal Voltage  $U_N$

Nominal Current  $I_N$

Cross Section AWG

Cross Section  $mm^2$

26 - 12

-





# Ground modular terminal block - PT 2,5-TWIN-PE




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 <b>ATEX</b> Approval ID: PTB09ATEX1111U				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Only flexible conductors			-	0.14 - 2.5
Only rigid conductors			-	0.14 - 4

 <b>CCC</b> Approval ID: 2020322313000631				
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 <b>NEPSI</b> Approval ID: GYJ20.1198U				
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**cULus Recognized**

# Ground modular terminal block - PT 2,5-TWIN-PE



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## Classifications

### ECLASS

ECLASS-9.0	27141141
ECLASS-10.0.1	27141141
ECLASS-11.0	27141141

### ETIM

ETIM 8.0	EC000901
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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

### Plug-in bridge

Plug-in bridge - FBS 2-5 - 3030161

<https://www.phoenixcontact.com/de/produkte/3030161>



Plug-in bridge, pitch: 5.2 mm, color: red

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### Plug-in bridge

Plug-in bridge - FBS 3-5 - 3030174

<https://www.phoenixcontact.com/de/produkte/3030174>



Plug-in bridge, pitch: 5.2 mm, color: red

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBS 4-5 - 3030187

<https://www.phoenixcontact.com/de/produkte/3030187>

Plug-in bridge, pitch: 5.2 mm, color: red



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## Plug-in bridge

Plug-in bridge - FBS 5-5 - 3030190

<https://www.phoenixcontact.com/de/produkte/3030190>

Plug-in bridge, pitch: 5.2 mm, color: red



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBS 10-5 - 3030213

<https://www.phoenixcontact.com/de/produkte/3030213>



Plug-in bridge, pitch: 5.2 mm, color: red

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## Plug-in bridge

Plug-in bridge - FBS 20-5 - 3030226

<https://www.phoenixcontact.com/de/produkte/3030226>



Plug-in bridge, pitch: 5.2 mm, color: red

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBS 50-5 - 3038930

<https://www.phoenixcontact.com/de/produkte/3038930>



Plug-in bridge, pitch: 5.2 mm, color: red

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## Plug-in bridge

Plug-in bridge - FBSR 2-5 - 3033702

<https://www.phoenixcontact.com/de/produkte/3033702>



Plug-in bridge, pitch: 5.2 mm, color: red

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBSR 3-5 - 3001591

<https://www.phoenixcontact.com/de/produkte/3001591>



Plug-in bridge, pitch: 5.2 mm, color: red

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## Plug-in bridge

Plug-in bridge - FBSR 4-5 - 3001592

<https://www.phoenixcontact.com/de/produkte/3001592>



Plug-in bridge, pitch: 5.2 mm, color: red



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBSR 5-5 - 3001593

<https://www.phoenixcontact.com/de/produkte/3001593>

Plug-in bridge, pitch: 5.2 mm, color: red



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## Plug-in bridge

Plug-in bridge - FBSR 10-5 - 3033710

<https://www.phoenixcontact.com/de/produkte/3033710>

Plug-in bridge, pitch: 5.2 mm, color: red



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBS 2-5 BU - 3036877

<https://www.phoenixcontact.com/de/produkte/3036877>



Plug-in bridge, pitch: 5.2 mm, color: blue

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## Plug-in bridge

Plug-in bridge - FBS 3-5 BU - 3036880

<https://www.phoenixcontact.com/de/produkte/3036880>



Plug-in bridge, pitch: 5.2 mm, color: blue

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBS 4-5 BU - 3036893

<https://www.phoenixcontact.com/de/produkte/3036893>

Plug-in bridge, pitch: 5.2 mm, color: blue



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## Plug-in bridge

Plug-in bridge - FBS 5-5 BU - 3036903

<https://www.phoenixcontact.com/de/produkte/3036903>

Plug-in bridge, pitch: 5.2 mm, color: blue



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBS 10-5 BU - 3036916

<https://www.phoenixcontact.com/de/produkte/3036916>



Plug-in bridge, pitch: 5.2 mm, color: blue

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## Plug-in bridge

Plug-in bridge - FBS 20-5 BU - 3036929

<https://www.phoenixcontact.com/de/produkte/3036929>



Plug-in bridge, pitch: 5.2 mm, color: blue

# Ground modular terminal block - PT 2,5-TWIN-PE

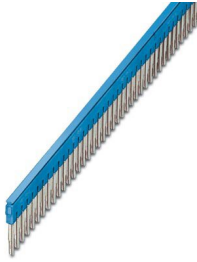
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<https://www.phoenixcontact.com/de/produkte/3209565>

## Plug-in bridge

Plug-in bridge - FBS 50-5 BU - 3032114

<https://www.phoenixcontact.com/de/produkte/3032114>



Plug-in bridge, Version with single- or double-sided cutting edge. Please keep in mind the possible impact on touch protection as well as air clearances and creepage distances., pitch: 5.2 mm, color: blue

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## Partition plate

Partition plate - ATP-ST-TWIN - 3030789

<https://www.phoenixcontact.com/de/produkte/3030789>

Partition plate, length: 75.2 mm, width: 2 mm, height: 39 mm, color: gray



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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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## End cover

End cover - D-ST 2,5-TWIN - 3030488

<https://www.phoenixcontact.com/de/produkte/3030488>

End cover, length: 60.5 mm, width: 2.2 mm, height: 29 mm, color: gray



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

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## Cover segment

Cover segment - DS-ST 2,5 - 3036602

<https://www.phoenixcontact.com/de/produkte/3036602>



End cover segments, large segment: 32.25 x 13.83 x 0.9, small segment: 22.65 x 11.65 x 0.9, color: gray

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

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## 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



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

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## Marker carriers

Marker carriers - STP 5-2-ZB - 3037643

<https://www.phoenixcontact.com/de/produkte/3037643>



Double marker carrier, snaps onto the spring-cage terminal blocks ST 2.5..., labeled with ZB 5 or ZBF 5

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

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## Group marker label for terminal marking

Group marker label for terminal marking - GBS 5-25X12 - 0810588

<https://www.phoenixcontact.com/de/produkte/0810588>



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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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## Group marker label for terminal marking

Group marker label for terminal marking - GBS-ZB/26X6 - 0809298

<https://www.phoenixcontact.com/de/produkte/0809298>



Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm

# Ground modular terminal block - PT 2,5-TWIN-PE

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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)

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## End cover

End cover - D-ST 2,5-TWIN-0,8 OG - 3030512

<https://www.phoenixcontact.com/de/produkte/3030512>

End cover, length: 60.5 mm, width: 0.8 mm, height: 29 mm, color: orange



# Ground modular terminal block - PT 2,5-TWIN-PE



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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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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## 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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## 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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## 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



# Ground modular terminal block - PT 2,5-TWIN-PE

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## DIN rail perforated

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

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



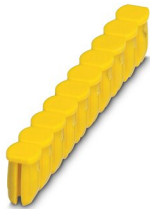
DIN rail perforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

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## Filler plugs

Filler plugs - CEC 2,5 - 3062757

<https://www.phoenixcontact.com/de/produkte/3062757>



Cover for conductor shaft, 10-pos., for spring cage terminal blocks (ST) and terminal blocks with push-in technology (PT) with a width of 5.2 mm

# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

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## Warning label

Warning label - WS PT 2,5 - 1029026

<https://www.phoenixcontact.com/de/produkte/1029026>



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 5.2 mm



# Ground modular terminal block - PT 2,5-TWIN-PE

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<https://www.phoenixcontact.com/de/produkte/3209565>

## 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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## Warning label

Warning label - WS-DIO PT 2,5 - 1029037

<https://www.phoenixcontact.com/de/produkte/1029037>



Warning label, yellow/black, labeled: Diode, mounting type: plug in, for terminal block width: 5.2 mm

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

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## Wire bridge

Wire bridge - FBSW 2-5/250MM - 3030172

<https://www.phoenixcontact.com/de/produkte/3030172>

Wire bridge, color: red/black



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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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## Wire bridge

Wire bridge - FBSW 2-5/60MM - 3030170

<https://www.phoenixcontact.com/de/produkte/3030170>

Wire bridge, Not suitable for railway applications, color: red/black



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

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## Wire bridge

Wire bridge - FBSW 2-5/110MM - 3030171

<https://www.phoenixcontact.com/de/produkte/3030171>

Wire bridge, color: red/black



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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)

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Zack marker strip

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004

<https://www.phoenixcontact.com/de/produkte/1050004>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.1 x 10.5 mm, Number of individual labels: 10

---

## Zack marker strip

Zack marker strip - ZB 5 CUS - 0824962

<https://www.phoenixcontact.com/de/produkte/0824962>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Zack marker strip

Zack marker strip - ZB 5,LGS:FORTL.ZAHLEN - 1050017

<https://www.phoenixcontact.com/de/produkte/1050017>



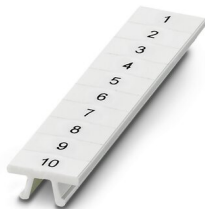
Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

---

## Zack marker strip

Zack marker strip - ZB 5,QR:FORTL.ZAHLEN - 1050020

<https://www.phoenixcontact.com/de/produkte/1050020>



Zack marker strip, white, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Zack marker strip

Zack marker strip - ZB 5,LGS:GLEICHE ZAHLEN - 1050033

<https://www.phoenixcontact.com/de/produkte/1050033>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

---

## Zack marker strip

Zack marker strip - ZB 5,LGS:L1-N,PE - 1050415

<https://www.phoenixcontact.com/de/produkte/1050415>



Zack marker strip, Strip, white, labeled, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

# Ground modular terminal block - PT 2,5-TWIN-PE



3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Marker for terminal blocks

Marker for terminal blocks - UC-TM 5 - 0818108

<https://www.phoenixcontact.com/de/produkte/0818108>



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: 5.2 mm, lettering field size: 10.5 x 4.6 mm, Number of individual labels: 96

---

## Marker for terminal blocks

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

<https://www.phoenixcontact.com/de/produkte/0824581>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 10.5 x 4.6 mm, Number of individual labels: 96

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Marker for terminal blocks

Marker for terminal blocks - UCT-TM 5 - 0828734

<https://www.phoenixcontact.com/de/produkte/0828734>



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

---

## Marker for terminal blocks

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

<https://www.phoenixcontact.com/de/produkte/0829595>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Zack Marker strip, flat

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

<https://www.phoenixcontact.com/de/produkte/0808642>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

---

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5 CUS - 0825025

<https://www.phoenixcontact.com/de/produkte/0825025>



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5,LGS:FORTL.ZAHLEN - 0808671

<https://www.phoenixcontact.com/de/produkte/0808671>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

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## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5,QR:FORTL.ZAHLEN - 0808697

<https://www.phoenixcontact.com/de/produkte/0808697>



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

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5,LGS:GERADE ZAHLEN - 0810821

<https://www.phoenixcontact.com/de/produkte/0810821>



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

---

## Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5,LGS:UNGERADE ZAHLEN - 0810863

<https://www.phoenixcontact.com/de/produkte/0810863>



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

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Marker for terminal blocks

Marker for terminal blocks - UC-TMF 5 - 0818153

<https://www.phoenixcontact.com/de/produkte/0818153>



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: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

---

## Marker for terminal blocks

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

<https://www.phoenixcontact.com/de/produkte/0824638>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Marker for terminal blocks

Marker for terminal blocks - UCT-TMF 5 - 0828744

<https://www.phoenixcontact.com/de/produkte/0828744>



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: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

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## Marker for terminal blocks

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

<https://www.phoenixcontact.com/de/produkte/0829658>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676

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

Insulating sleeve, color: red



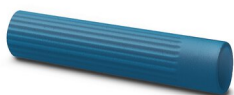
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## Insulating sleeve

Insulating sleeve - MPS-IH BU - 0201689

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

Insulating sleeve, color: blue



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Insulating sleeve

Insulating sleeve - MPS-IH YE - 0201692

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

Insulating sleeve, color: yellow



## Insulating sleeve

Insulating sleeve - MPS-IH GN - 0201702

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

Insulating sleeve, color: green



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Insulating sleeve

Insulating sleeve - ISH 2,5/0,2 - 3002843

<https://www.phoenixcontact.com/de/produkte/3002843>



Insulating sleeve, color: white

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## Insulating sleeve

Insulating sleeve - ISH 2,5/0,5 - 3002856

<https://www.phoenixcontact.com/de/produkte/3002856>



Insulating sleeve, color: gray

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Insulating sleeve

Insulating sleeve - ISH 2,5/1,0 - 3002869

<https://www.phoenixcontact.com/de/produkte/3002869>



Insulating sleeve, color: black

---

## 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

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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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## 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

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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

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## 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



# Ground modular terminal block - PT 2,5-TWIN-PE



3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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

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## 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

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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



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## 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



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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



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## Test plugs

Test plugs - PS-5 - 3030983

<https://www.phoenixcontact.com/de/produkte/3030983>

Test plugs, Modular test plug, color: red



# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## Spacer plate

Spacer plate - DP PS-5 - 3036725

<https://www.phoenixcontact.com/de/produkte/3036725>



Spacer plate, length: 22.4 mm, width: 5.2 mm, height: 29 mm, number of positions: 1, color: red

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## Test plugs

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

<https://www.phoenixcontact.com/de/produkte/3038723>



Test plugs, color: red

# Ground modular terminal block - PT 2,5-TWIN-PE

3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## 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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## 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

# Ground modular terminal block - PT 2,5-TWIN-PE



3209565

<https://www.phoenixcontact.com/de/produkte/3209565>

## End clamp

End clamp - CLIPFIX 35-5 - 3022276

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



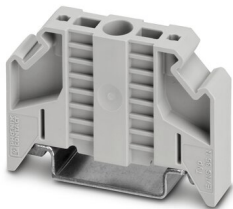
Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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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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