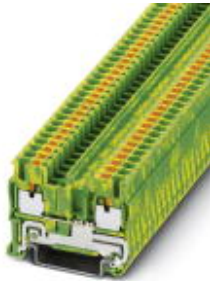


## Ground modular terminal block - PT 2,5-PE - 3209536

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Ground modular terminal block, Connection method: Push-in connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 35.3 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- 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
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- Tested for railway applications

### Key commercial data

package_quantity	50
GTIN	4046356329804

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
Area of application	Mechanical engineering
Area of application	Plant engineering
Area of application	Process industry

#### General

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed

# Ground modular terminal block - PT 2,5-PE - 3209536

## Technical data

### General

<b>Finger protection</b>	guaranteed
<b>Test specification, oscillation, broadband noise</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Test spectrum</b>	Service life test category 1, class B, body mounted
<b>Test frequency</b>	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
<b>ASD level</b>	$1.857 \text{ (m/s}^2\text{)}^2\text{/Hz}$
<b>Acceleration</b>	0.8 g
<b>Test duration per axis</b>	5 h
<b>Test directions</b>	X-, Y- and Z-axis
<b>Oscillation, broadband noise test result</b>	Test passed
<b>Test specification, shock test</b>	DIN EN 50155 (VDE 0115-200):2008-03
<b>Shock form</b>	Half-sine
<b>Acceleration</b>	5 g
<b>Shock duration</b>	30 ms
<b>Number of shocks per direction</b>	3
<b>Test directions</b>	X-, Y- and Z-axis (pos. and neg.)
<b>Shock test result</b>	Test passed
<b>Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))</b>	125 °C
<b>Static insulating material application in cold</b>	-60 °C

### Dimensions

<b>Width</b>	5.2 mm
<b>Length</b>	48.5 mm
<b>Height</b>	35.3 mm
<b>Height NS 35/7,5</b>	36.5 mm
<b>Height NS 35/15</b>	44 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max</b>	12
<b>Conductor cross section stranded min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	2.5 mm <sup>2</sup>
<b>Min. AWG conductor cross section, stranded</b>	26
<b>Max. AWG conductor cross section, stranded</b>	14
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	2.5 mm <sup>2</sup>

# Ground modular terminal block - PT 2,5-PE - 3209536

## Technical data

### Connection data

<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	0.5 mm <sup>2</sup>
<b>Connection method</b>	Push-in connection
<b>Minimum stripping length</b>	8 mm
<b>Maximum stripping length</b>	10 mm
<b>Internal cylindrical gage</b>	A3

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141118
<b>eCl@ss 4.1</b>	27141118
<b>eCl@ss 5.0</b>	27141118
<b>eCl@ss 5.1</b>	27141118
<b>eCl@ss 6.0</b>	27141141
<b>eCl@ss 7.0</b>	27141141
<b>eCl@ss 8.0</b>	27141141

### ETIM

<b>ETIM 2.0</b>	EC000901
<b>ETIM 3.0</b>	EC000901
<b>ETIM 4.0</b>	EC000901
<b>ETIM 5.0</b>	EC000901


### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

ATEX / IECEx / CSA / UL Recognized / cUL Recognized / LR / GL / RS / ABS / NK / BV / VDE Zeichengenehmigung / IECCE CB Scheme / cULus Recognized /

### Approval details

	
Nominal voltage UN	

# Ground modular terminal block - PT 2,5-PE - 3209536

## approvals

Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.14-4

<b>IECEX</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.14-4

<b>CSA</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	26-12

<b>UL Recognized</b>		
Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

<b>cUL Recognized</b>		
Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

<b>LR</b>
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<b>GL</b>
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<b>RS</b>
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<b>ABS</b>
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# Ground modular terminal block - PT 2,5-PE - 3209536

approvals

NK

BV

**VDE Zeichengenehmigung**

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

**IECEE CB Scheme**

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	2.5

cULus Recognized

accessories

**Partition plate**

ATP-ST 4 - 3030721



**End cover**

D-ST 2,5 - 3030417



## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

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D-ST 2,5-0,8 OG - 3030511



DP PS-5 - 3036725



### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



### Marker carriers

STP 5-2-ZB - 3037643



GBS-ZB/26X6 - 0809298



### Terminal marking

# Ground modular terminal block - PT 2,5-PE - 3209536

## accessories

GBS 5-25X12 - 0810588



ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



# Ground modular terminal block - PT 2,5-PE - 3209536

accessories

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UCT-TMF 5 - 0828744



## Documentation

PT-IL - 3208090



## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187





## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

FBS 5-5 - 3030190



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FBS 10-5 - 3030213



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FBS 20-5 - 3030226



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FBS 50-5 - 3038930



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RB ST (2,5/4)-1,5 - 3038943



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### Mounting rail

## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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



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



## Ground modular terminal block - PT 2,5-PE - 3209536

accessories

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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



# Ground modular terminal block - PT 2,5-PE - 3209536

accessories

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NS 35/15 CAP - 1206573



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



## Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

ZBF 5 CUS - 0825025



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UC-TMF 5 CUS - 0824638



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UCT-TMF 5 CUS - 0829658



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### Test plug terminal block

MPS-MT - 0201744



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



## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

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



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



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



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



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



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



## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

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



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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Insulating sleeve

MPS-IH WH - 0201663





# Ground modular terminal block - PT 2,5-PE - 3209536

## accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



## Ground modular terminal block - PT 2,5-PE - 3209536

### accessories

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ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



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### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



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### End block

# Ground modular terminal block - PT 2,5-PE - 3209536

accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Drawings

Circuit diagram

