

# Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

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Ground modular terminal block, Connection method: Push-in / plug connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 35.2 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	4046356333405

## Technical data

### General

Number of levels	1
Number of connections	3
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

### General

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted

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## Technical data

### General

Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$0.964 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	0.58 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C

### Dimensions

Width	5.2 mm
Length	60.5 mm
Height	35.2 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Connection method	Push-in / plug connection

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## Technical data

### Connection data

Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

## classifications

### eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

### ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901


### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## approvals

CSA / UL Recognized / cUL Recognized / LR / GL / RS / ABS / NK / BV / cULus Recognized /

### Approval details

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

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approvals

**UL Recognized**

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

**cUL Recognized**

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

LR

GL

RS

ABS

NK

BV

**cULus Recognized**

accessories

**Partition plate**

ATP-ST-TWIN - 3030789



# Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

## accessories

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### End cover

D-ST 2,5-TWIN - 3030488



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



DP PS-5 - 3036725



### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



### Marker carriers

STP 5-2-ZB - 3037643



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## accessories

GBS-ZB/26X6 - 0809298



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## Terminal marking

GBS 5-25X12 - 0810588



ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

### accessories

ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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### Flange

ST 2,5-TWIN/1P-F - 3209840



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ST 2,5-TWIN/1P-FS - 3061389



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### Documentation

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accessories

PT-IL - 3208090



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## Bridge

FBS 2-5 - 3030161



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FBS 3-5 - 3030174



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FBS 4-5 - 3030187



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FBS 5-5 - 3030190





## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

### accessories

FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



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



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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### accessories

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



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



## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

accessories

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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



NS 35/15 WH PERF 2000MM - 0806602



## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

### accessories

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



NS 35/15 CAP - 1206573



# Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

accessories

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



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## Labeled terminal marker

ZB 5 CUS - 0824962



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UC-TM 5 CUS - 0824581



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UCT-TM 5 CUS - 0829595



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ZBF 5 CUS - 0825025



## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

accessories

UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



**Test plug terminal block**

MPS-MT - 0201744



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



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



## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

### accessories

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



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



# Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

## accessories

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



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



## Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676





## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

### accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



## Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

accessories

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ISH 2,5/0,5 - 3002856



ISH 2,5/1,0 - 3002869



### Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



### End block

CLIPFIX 35 - 3022218



# Ground modular terminal block - PT 2,5-TWIN/1P-PE - 3209659

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Drawings

Circuit diagram

