

# Ground modular terminal block - ST 1,5-PE - 3031513

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Ground modular terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 28 - 16, Width: 4.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- Additional labeling options
- Tested for railway applications
- Corrosion-free terminal points
- Low contact resistance
- Green-yellow housing



## Key commercial data

package_quantity	50
GTIN	4017918186623

## 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

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## Technical data

### General

Open side panel	ja
Back of the hand protection	guaranteed
Finger protection	guaranteed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	120 °C

### Dimensions

Width	4.2 mm
Length	48.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	16
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.	1.5 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.	1.5 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	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A 1

## 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

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## classifications

### 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

IECEX / ATEX / CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / RS / KR / NK / IECEE CB Scheme / GOST / cULus Recognized /

### Approval details

<b>IECEX</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.08-1.5

<b>ATEX</b> 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.08-1.5

<b>CSA</b> 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	26-14

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## approvals

<b>UL Recognized</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	26-14

<b>VDE Gutachten mit Fertigungsüberwachung</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5

<b>cUL Recognized</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	26-14

<b>GOST</b>	
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<b>LR</b>
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<b>GL</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	1.5

<b>BV</b>
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<b>DNV</b>
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<b>RS</b>
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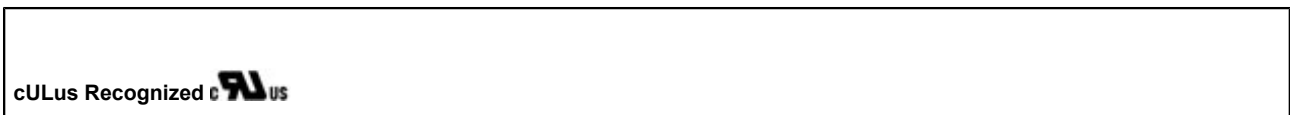
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approvals

KR

NK

IECEE CB Scheme	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-1.5



accessories

## End cover

D-ST 2,5 - 3030417



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



## Partition plate

# Ground modular terminal block - ST 1,5-PE - 3031513

## accessories

ATP-ST 4 - 3030721



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## Screwdriver tools

SZF 0-0,4X2,5 - 1204504



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## Documentation

ST-IL - 3039900



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## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



# Ground modular terminal block - ST 1,5-PE - 3031513

## accessories

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



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



## Ground modular terminal block - ST 1,5-PE - 3031513

accessories

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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



NS 35/15 WH UNPERF 2000MM - 1204135





## Ground modular terminal block - ST 1,5-PE - 3031513

### accessories

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



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



# Ground modular terminal block - ST 1,5-PE - 3031513

accessories

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## Terminal marking

ZB 4 :UNBEDRUCKT - 0805001



UC-TM 4 - 0818111



UCT-TM 4 - 0828732



ZBF 4:UNBEDRUCKT - 0808587



UC-TMF 4 - 0818166



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## accessories

UCT-TMF 4 - 0828742



### Labeled terminal marker

ZB 4 CUS - 0824951



UC-TM 4 CUS - 0824573



UCT-TM 4 CUS - 0829588



ZBF 4 CUS - 0825023



## Ground modular terminal block - ST 1,5-PE - 3031513

### accessories

UC-TMF 4 CUS - 0824630



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UCT-TMF 4 CUS - 0829651



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### Insulating sleeve

ISH 1,5/0,2 - 3206131



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ISH 1,5/0,5 - 3031034



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### End block

CLIPFIX 35 - 3022218



# Ground modular terminal block - ST 1,5-PE - 3031513

## accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



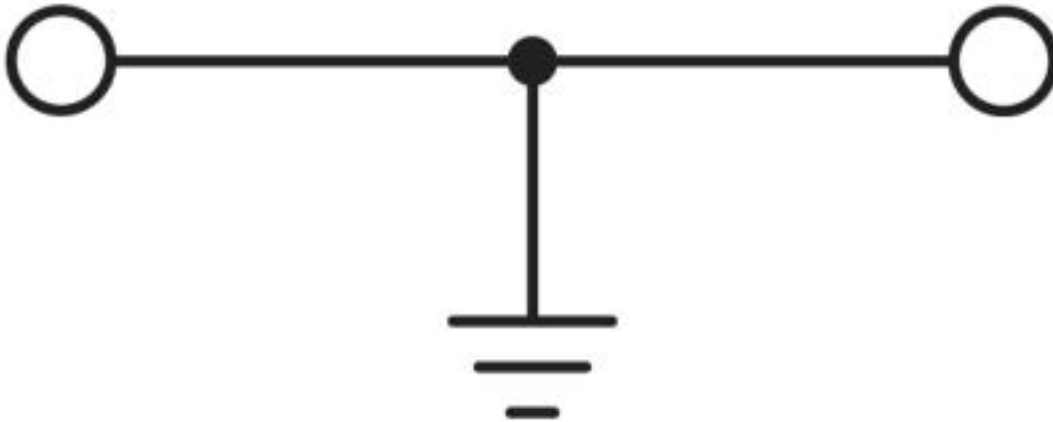
E/UK 1 - 1201413



## Drawings

## Ground modular terminal block - ST 1,5-PE - 3031513

Circuit diagram



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