

# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

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Spring cage ground terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 28 - 12, Width: 5.2 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	4017918186807

## Technical data

### General

Number of levels	1
Number of connections	4
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	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I

# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

## Technical data

### General

Connection in acc. with standard	IEC 60947-7-2
Open side panel	ja

### Dimensions

Width	5.2 mm
Length	72 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

### Connection data

Connection in acc. with standard	IEC 60947-7-2
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	28
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>
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

# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

## classifications

eCl@ss

eCl@ss 8.0	27141141
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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

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

## Approval details

<b>IECEX</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.08-2.5

<b>ATEX</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.08-2.5

<b>CSA</b>	
Nominal voltage UN	

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## approvals

Nominal current I <sub>N</sub>	
mm <sup>2</sup> /AWG/kcmil	28-12

**UL Recognized**

Nominal voltage U <sub>N</sub>	
Nominal current I <sub>N</sub>	
mm <sup>2</sup> /AWG/kcmil	28-12

**VDE Gutachten mit Fertigungsüberwachung**

Nominal voltage U <sub>N</sub>	
Nominal current I <sub>N</sub>	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

**cUL Recognized**

Nominal voltage U <sub>N</sub>	
Nominal current I <sub>N</sub>	
mm <sup>2</sup> /AWG/kcmil	28-12

**GOST**

**LR**

**GL**

Nominal voltage U <sub>N</sub>	
Nominal current I <sub>N</sub>	
mm <sup>2</sup> /AWG/kcmil	2.5

**BV**

# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

approvals


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

<b>KR</b>
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<b>NK</b>
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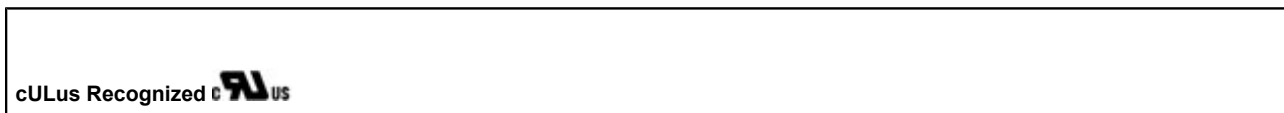
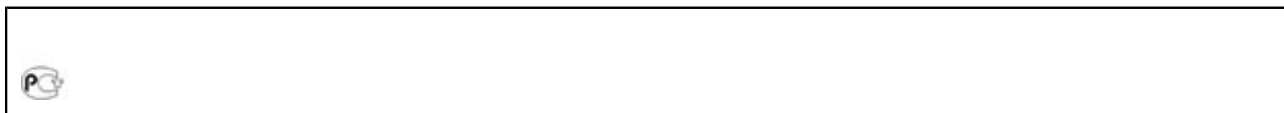
<b>IECEE CB Scheme</b> 	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

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

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

# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

approvals



accessories

## End cover

D-ST 2,5-QUATTRO - 3030514



DS-ST 2,5 - 3036602



D-ST 2,5-QUATTRO-0,8 OG - 3030513



## Partition plate

ATP-ST QUATTRO - 3030815



# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

accessories

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## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



## Documentation

ST-IL - 3039900



## Bridge

FBSR 2-5 - 3033702



FBSR 3-5 - 3001591



## Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

### accessories

FBSR 4-5 - 3001592



FBSR 5-5 - 3001593



FBSR 10-5 - 3033710



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681





## Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

### 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



## Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

### accessories

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



## Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

### 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



# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

accessories

NS 35/15 CAP - 1206573



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



## Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



## Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

### 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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### Labeled terminal marker

ZB 5 CUS - 0824962



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ZB 5,LGS:FORTL.ZAHLEN - 1050017



## Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

### accessories

ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



ZB 5,LGS:L1-N,PE - 1050415



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



## Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

### accessories

ZBF 5 CUS - 0825025



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ZBF 5,LGS:FORTL.ZAHLEN - 0808671



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ZBF 5,QR:FORTL.ZAHLEN - 0808697



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ZBF 5,LGS:GERADE ZAHLEN - 0810821



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ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

## accessories

UC-TMF 5 CUS - 0824638



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UCT-TMF 5 CUS - 0829658



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## Insulating sleeve

ISH 2,5/0,2 - 3002843



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ISH 2,5/0,5 - 3002856



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ISH 2,5/1,0 - 3002869



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## End block



# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

## accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



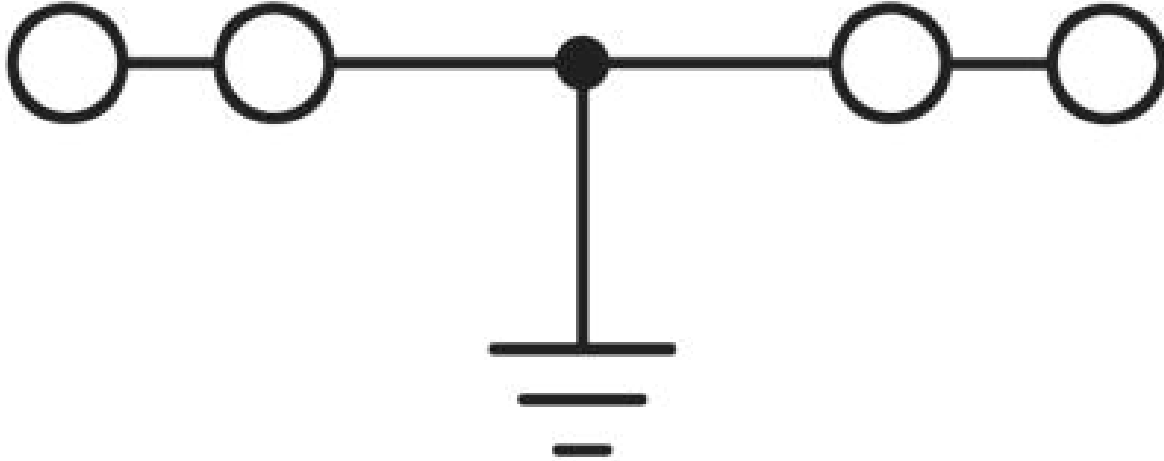
E/UK 1 - 1201413



## Drawings

# Spring cage ground terminal block - ST 2,5-QUATTRO-PE - 3031322

Circuit diagram



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