

# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

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Spring cage ground terminal block, Connection method: Spring-cage/plug-in 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

- Same shape and pitch as the basic terminal blocks
- Tested for railway applications

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918832629

## Technical data

### General

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

### General

<b>Rated surge voltage</b>	6 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Connection in acc. with standard</b>	IEC 61984
<b>Open side panel</b>	ja

### Dimensions

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

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## Technical data

### Connection data

Connection in acc. with standard	IEC 61984
Connection method	Spring-cage/plug-in 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
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

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## classifications

### UNSPSC

<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / RS / IECCE CB Scheme / GOST / cULus Recognized /

### Approval details

<b>CSA</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

<b>UL Recognized</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

<b>VDE Gutachten mit Fertigungsüberwachung</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

<b>cUL Recognized</b>	
Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	28-12

# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

approvals

GOST

LR

GL

BV

DNV

RS

IECEE CB Scheme

Nominal voltage UN	
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-4

cULus Recognized

accessories

**End cover**

D-ST 2,5 - 3030417



## Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

### accessories

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



DP PS-5 - 3036725



### Partition plate

ATP-ST 4 - 3030721



### Coding element

PC - 3040588



### Screwdriver tools

SZF 1-0,6X3,5 - 1204517



# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

accessories

## Labeled terminal marker

WST 2,5 - 3030941



ZB 5 CUS - 0824962



ZB 5,LGS:FORTL.ZAHLEN - 1050017



ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



## Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

### accessories

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



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



ZBF 5,LGS:FORTL.ZAHLEN - 0808671



ZBF 5,QR:FORTL.ZAHLEN - 0808697



# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

accessories

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ZBF 5,LGS:GERADE ZAHLEN - 0810821



ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



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## Flange

ST 2,5/1P-F - 3209837





# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

accessories

ST 2,5/1P-FS - 3061376



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## Documentation

ST-IL - 3039900



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## Bridge

FBSR 2-5 - 3033702



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FBSR 3-5 - 3001591



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FBSR 4-5 - 3001592



# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

## accessories

FBSR 5-5 - 3001593



FBSR 10-5 - 3033710



## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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### accessories

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



NS 35/ 7,5 CAP - 1206560



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accessories

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## Terminal marking

ZB 5 : UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



ZBF 5: UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



## Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

accessories

UCT-TMF 5 - 0828744



### Test plug terminal block

MPS-MT - 0201744



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



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



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



## Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

### accessories

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



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



# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

accessories

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PS-5 - 3030983



PS-5/2,3MM RD - 3038723



## Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



# Spring cage ground terminal block - ST 2,5/ 1P-PE - 3040025

## accessories

MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856





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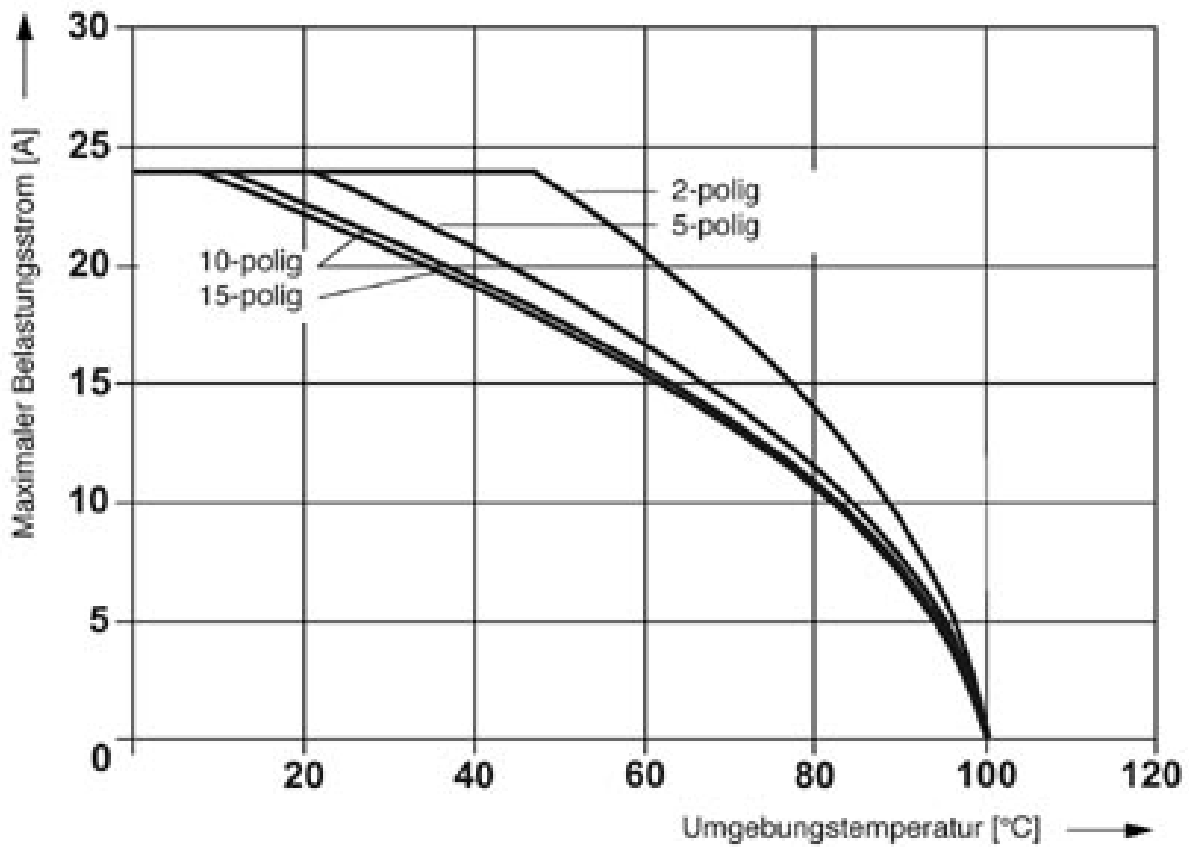
accessories

ISH 2,5/1,0 - 3002869



## Drawings

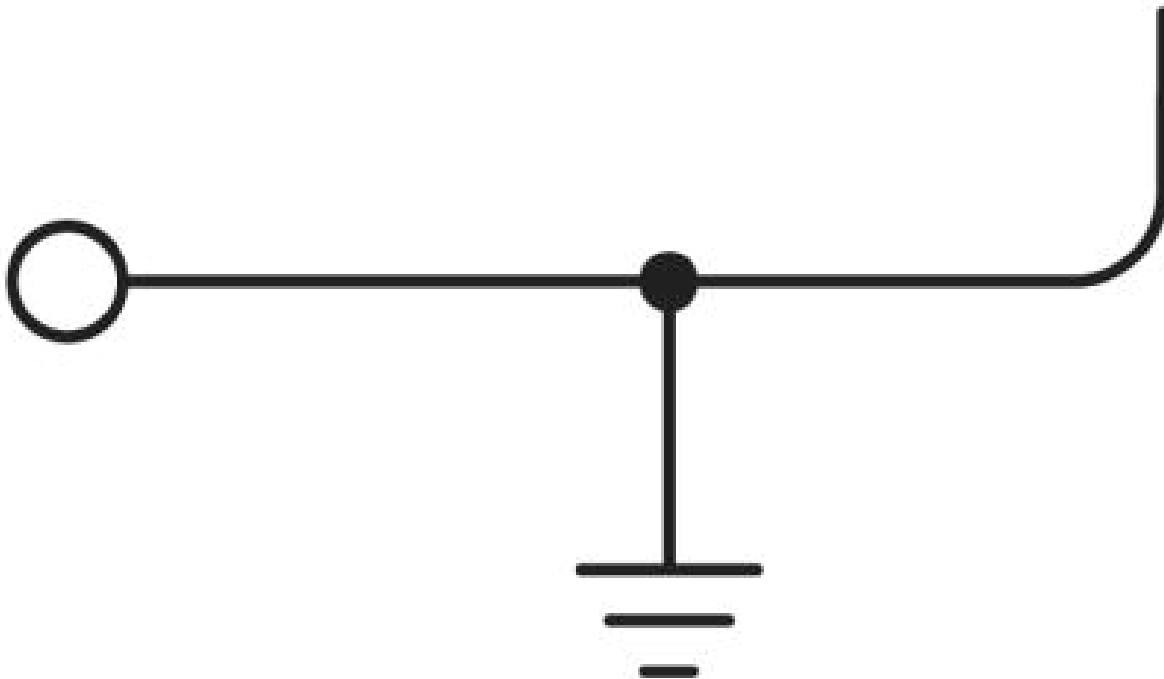
Diagram



Applies to all male connector variants SP...

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Circuit diagram



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