

## Spring cage ground terminal block - ST 4/ 1P-PE - 3042722

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Spring cage ground terminal block, Connection method: Spring-cage/plug-in connection, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 28 - 10, Width: 6.2 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

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 10.9 g   |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Poland   |

### Technical data

#### General

|  |                   |
|--|-------------------|
| Number of levels                       | 1                 |
| Number of connections                  | 2                 |
| Nominal cross section                  | 4 mm <sup>2</sup> |
| Color                                  | green-yellow      |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Area of application                    | Railway industry  |
|  | Machine building  |
|  | Plant engineering |
| Rated surge voltage                    | 6 kV              |
| Degree of pollution                    | 3                 |
| Overvoltage category                   | III               |

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## Technical data

### General

|                                  |           |
|----------------------------------|-----------|
| Insulating material group        | I         |
| Connection in acc. with standard | IEC 61984 |
| Open side panel                  | Yes       |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 55.8 mm |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15  | 44 mm   |

### Connection data

|   |  |
|---|--|
| Note  | Please observe the current carrying capacity of the DIN rails. |
| Connection method   | Spring-cage/plug-in connection                                 |
| Conductor cross section solid min.  | 0.08 mm <sup>2</sup>   |
| Conductor cross section solid max.  | 6 mm <sup>2</sup>  |
| Conductor cross section flexible min.   | 0.08 mm <sup>2</sup>   |
| Conductor cross section flexible max.   | 4 mm <sup>2</sup>  |
| Conductor cross section AWG min.  | 28   |
| Conductor cross section AWG max.  | 10   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>  |
| Stripping length  | 8 mm ... 10 mm   |
| Internal cylindrical gage   | A3   |

### Standards and Regulations

|  |           |
|--|-----------|
| Connection in acc. with standard       | CSA       |
|  | IEC 61984 |
| Flammability rating according to UL 94 | V0        |

### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
|------------|----------|

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 |
| eCl@ss 9.0 | 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

#### Approvals

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#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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## Approvals

|                            |       |
|----------------------------|-------|
| CSA                        |       |
| mm <sup>2</sup> /AWG/kcmil | 28-10 |

|                            |       |       |
|----------------------------|-------|-------|
| UL Recognized              |       |       |
|                            | B     | C     |
| mm <sup>2</sup> /AWG/kcmil | 28-10 | 28-10 |

|   |       |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung |       |
| mm <sup>2</sup> /AWG/kcmil              | 0.2-6 |

|                            |       |       |
|----------------------------|-------|-------|
| cUL Recognized             |       |       |
|                            | B     | C     |
| mm <sup>2</sup> /AWG/kcmil | 28-10 | 28-10 |

|                 |  |
|-----------------|--|
| IECEE CB Scheme |  |
|-----------------|--|

|     |
|-----|
| EAC |
|-----|

|     |
|-----|
| EAC |
|-----|

|                  |
|------------------|
| cULus Recognized |
|------------------|

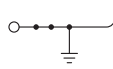
## Drawings

## Spring cage ground terminal block - ST 4/ 1P-PE - 3042722

### Diagram

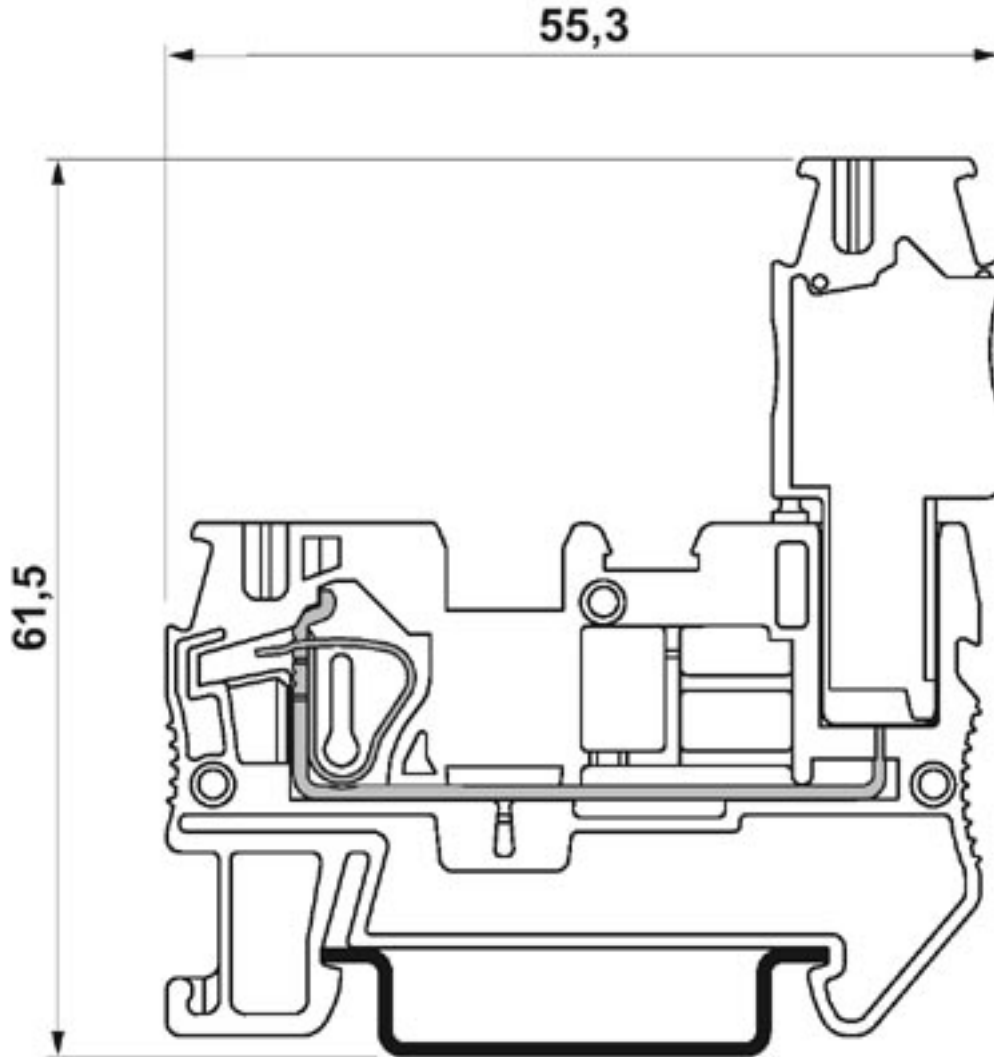
Derating  
curve  
for  
spring-  
cage  
terminals  
ST  
4/1P..  
and  
ST  
4/2P..  
with  
all  
plug  
versions  
SP  
4/... .  
The  
derating  
curves  
are  
determined  
by  
multiplying  
the  
values  
of  
the  
base  
curves  
by  
the  
factor  
0.8.

### Circuit diagram



## Spring cage ground terminal block - ST 4/ 1P-PE - 3042722

Dimensional drawing



The illustration shows the terminal with the plug version SP 4/...