

1435.2

SL 2,5/35 Ex GNYE

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Ex protective-earth terminal ATEX-certified Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 6 mm, Colour: Green-yellow

## Business data

|  |  |
|--|--|
| Product description                        | Ex protective earthing terminal ATEX-certified |
| Explosion-proof version (EEx e)            | ✓  |
| Packaging unit                             | 100  |
| Quantity unit                              | PC   |
| Weight per piece (not including packaging) | 17.2   |
| Weight per piece (including packaging)     | 17.92  |
| Unit of weight                             | G  |
| Customs number                             | 85369010                                       |
| Country of origin                          | DE   |

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## Technical Data

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### Dimensions

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|        |       |
|--------|-------|
| Length | 52 mm |
|--------|-------|

|       |      |
|-------|------|
| Width | 6 mm |
|-------|------|

|                  |       |
|------------------|-------|
| Height TS 35/7.5 | 47 mm |
|------------------|-------|

### Ratings

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|                     |                     |
|---------------------|---------------------|
| Rated cross-section | 2.5 mm <sup>2</sup> |
|---------------------|---------------------|

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
|----------------------|-----|

|                      |   |
|----------------------|---|
| Contamination degree | 3 |
|----------------------|---|

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## Technical Data

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### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connection position                                      | Lateral             |
| Connections  | 2                   |
| Number of terminals per level                            | 2                   |
| Number of levels   | 1                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>   |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |
| Wire cross-section AWG, min.                             | 22                  |
| Wire cross-section AWG, max.                             | 12                  |
| Stripping length   | 10 mm               |
| Screw head   | Slotted             |
| Screw threading  | M 2,5               |
| Tightening torque, min.                                  | 0.4 Nm              |
| Tightening torque, max.                                  | 0.8 Nm              |

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## Technical Data

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### Materials

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|                    |               |
|--------------------|---------------|
| Insulation housing | Polyamide 6.6 |
|--------------------|---------------|

|                          |     |
|--------------------------|-----|
| Flammability class UL 94 | V-2 |
|--------------------------|-----|

|                           |        |
|---------------------------|--------|
| Working temperature, min. | -40 °C |
|---------------------------|--------|

|                           |        |
|---------------------------|--------|
| Working temperature, max. | 105 °C |
|---------------------------|--------|

### Further technical data

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|               |                         |
|---------------|-------------------------|
| Mounting type | Mounting rail TS 35/7,5 |
|---------------|-------------------------|

|                                |    |
|--------------------------------|----|
| Gauge plug acc. to EN 60 947-1 | A3 |
|--------------------------------|----|

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## Approvals

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### Standards and regulations

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|                              |                   |
|------------------------------|-------------------|
| Partial certification number | NEMKO ATEX 1136 U |
| EAC approval                 | TR ZU 004/2011    |
| EAC approval granted         | ✓                 |
| Nemko approval               | EN 60947-7-2      |
| Nemko approval granted       | ✓                 |

### cUL Recognized

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|  |              |
|--|--------------|
| cUL Recognized                                       | C22.2 No 158 |
| cUL Recognized                                       | ✓            |
| cUL wire cross-section single-core (rigid) AWG, min. | 22           |
| cUL wire cross-section single-core (rigid) AWG, max. | 12           |
| cUL wire cross-section stranded AWG, min.            | 22           |
| cUL wire cross-section stranded AWG, max.            | 12           |
| cUL torque   | 5.3 Nm       |
| cUL wire material                                    | Cu           |

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## Approvals

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### KEMA KEUR approval

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|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-2        |
| KEMA KEUR approval granted                        | ✓                   |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.            | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 4 mm <sup>2</sup>   |
| KEMA torque, min.                                 | 0.4 Nm              |
| KEMA torque, max.                                 | 0.8 Nm              |

### UL Recognized

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|   |           |
|---|-----------|
| UL Recognized                                       | UL 1059   |
| UL Recognized granted                               | ✓         |
| UL wire cross-section single-core (rigid) AWG, min. | 22        |
| UL wire cross-section single-core (rigid) AWG, max. | 12        |
| UL wire cross-section stranded AWG, min.            | 22        |
| UL wire cross-section stranded AWG, max.            | 12        |
| UL torque   | 5.3 Lb In |
| UL wire material                                    | Cu        |
| UL factory wiring                                   | ✓         |

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## Approvals

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### UL Recognized

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UL field wiring

✓

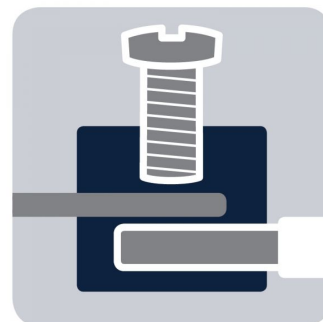
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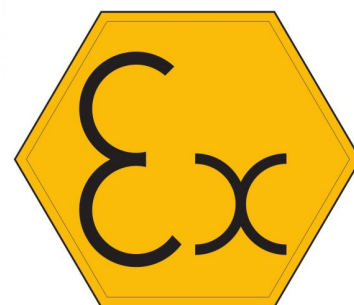
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## Media

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**M2.5**



**Ex**





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Media

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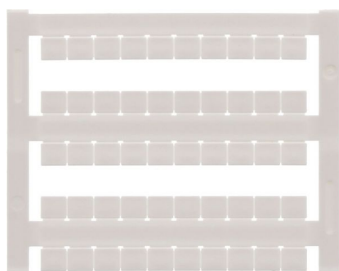
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## Accessories

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### Quick-marking

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Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 6 mm, Colour: White

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 4702.7       | PMC SB 6/50 WH      | 4044211089986 | 500 PC         |

### Screw driver

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Screwdriver with bare blade, Colour: Black-grey

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 1085.0       | SDB 0,5x3,0         | 4044211014643 | 1 PC           |