SPRING CLAMP TERMINAL

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structure of the catalog

article description

suitable rails

nominal cross-section

catalog register 1

section 3

ratings according to IEC

ratings according to UL

PA 66

insulating material

polyamide 66

suitable rails

general information

approvals

article number

technical data

number of possible labels

suitable accessories

mounting rails EN 60715 TH35

ratings

according to IEC

ratings

according to UL

Article numbers

1.5 - 10 mm²
8096/003A
8096/005A
8096/006A
8096/008A
8096/010A
14 A
8096/104A
16 A
8096/108A
Article numbers

gray
blue
green and yellow (insulation cord set)

Technical data

Strip insulation
10
10

Packing unit
50
50

Accessories see pages 3.39 to 3.42

Test adaptors
80247
80249
80240
80248
80249
80240

Marking cards
on top, left and right
8R6/5
6 labels
8R6/6
6 labels
8R6/7
6 labels

Marking strips
on top, left and right
35455/095
1 strip
35455/095
1 strip
35455/095
1 strip

Marking adaptors
35455/097
1 adaptor
35455/097
1 adaptor
35455/097
1 adaptor

Portion line and end barrier
35311/10
35311/16
35311/10
35311/16

End marker
35445
35445
35445
35445

Cross-connector, 2-part for vertically shifted mounting of adjacent terminals
35453/016
35453/012
35453/016
35453/012
**Introduction**

*pages 1.3.4 to 1.3.9*

**Spring clamp terminals**

*pages 1.3.10 to 1.3.28*

- Spring clamp terminals with 2 clamps 2.5-16mm² ........................................... 1.3.10-1.3.11
- Spring clamp ground conductor terminals with 2 clamps 2.5-16mm² .......................... 1.3.12-1.3.13
- Spring clamp terminals with 3 clamps 1.5-6mm² .................................................. 1.3.14-1.3.15
- Spring clamp ground conductor terminals with 3 clamps 2.5-6mm² ........................... 1.3.16
- Spring clamp terminals with 4 clamps 2.5 + 4mm² .............................................. 1.3.17
- Spring clamp ground conductor terminals with 4 clamps 2.5 + 4mm² ......................... 1.3.18
- Spring clamp terminal with 2 cross-connections 4mm² ......................................... 1.3.19
- Two-step spring clamp terminals 2.5 + 4mm² ..................................................... 1.3.20
- Spring clamp terminals for proximity switches 1.5mm² with/without ground connection 1.3.21
- Three-step spring clamp terminal 1.5mm² ............................................................ 1.3.22
- Three-step spring clamp terminal with ground connection 1.5mm² ........................... 1.3.23
- Disconnecting transit terminal 2.5mm² ............................................................... 1.3.24
- Knife disconnecting terminal 2.5mm² ................................................................. 1.3.25
- Disconnecting spring clamp terminal 4mm² for plug ........................................... 1.3.26
- Spring clamp fuse terminals 4mm² for fuses 5x20mm ........................................ 1.3.27
- Spring clamp fuse terminals 4mm² for fuses 1/4" x 1 1/4"mm .................................. 1.3.28

**Accessories**

*pages 1.3.30 to 1.3.42*
The Woertz company was founded in 1928; our head office is in Muttenz near Basle, Switzerland.

We are a family business with about 220 employees known as a quality manufacturer of circuitry accessories, installation systems and electronic control systems.

Our goals are:
- security,
- user-friendliness,
- and easy handling of our products.

We are certified according to ISO 9001 and ISO 14001.

Our range of products includes:
- terminals, junction boxes, grounding products, surge protection devices, anchor channels and anchoring studs
- flat cable installation systems
- floor ducts, double floor systems, under-window ducts
- electronic modules and interfaces.

The circuitry accessories and the electronic control systems are produced in our headquarters in Muttenz, the duct and double floor systems in the branch located in Hölstein.

**Muttenz head office**

Hofackerstrasse 47, CH-4132 Muttenz, Switzerland
Tel. ++41 (0)61 / 466 33 33
Fax ++41 (0)61 / 461 96 06

**Hölstein branch**

Bärenmattenstrasse 3, CH - 4434 Hölstein, Switzerland
Tel. ++ 41 (0)61 / 956 56 56
Fax ++ 41 (0)61 / 956 56 70
The SQS certificate ISO 9001 was issued to us 1987 for the first time and renewed regularly. ISO 14001 since 1996.
## Properties of the insulating materials

The insulating bodies of our terminals are made of polyamide 66. Even if this polyamide is subjected to a constant temperature of 100°C, it fulfills the electrical, mechanical and chemical properties required in terminals. The typical features of polyamide 66 are hardness, rigidity, scuff resistance and thermal endurance.

Fuse terminals and fuse plugs, where constant temperatures of over 100°C can occur, are made of polyamide 66 reinforced with fibreglass. Polyamide 66 is hardly combustible, self-extinguishing and halogen-free (when a fire breaks out, there can't be any emanation of toxic gas combustion, which, alone or combined with humidity, could result in corrosive precipitations). Polyamide 66 (reinforced with fibreglass or non-reinforced) is approved by all leading certification and testing institutions.

### General properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>State of sample</th>
<th>polyamide 66</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density g/cm³</td>
<td></td>
<td></td>
<td>1.14</td>
</tr>
<tr>
<td>Humidity-absorption (normal conditions) %</td>
<td></td>
<td>dry / moist</td>
<td>2.8 ± 0.3</td>
</tr>
<tr>
<td>Water-absorption at 23°C (saturation) %</td>
<td></td>
<td>dry / moist</td>
<td>8.5 ± 0.5</td>
</tr>
</tbody>
</table>

### Burning behavior

- According to VDE 0304, part 3 (5.70) class II b
- According to FMVSS* -302 (condition fulfilled: the flame goes out before the first marker is reached) mm/min < 100
- According to UL Standard 94 (sample \( \frac{1}{16}\) thick) 94V-2

### Toxic behavior

- halogen-free

### Mechanical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>State of sample</th>
<th>polyamide 66</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yield stress</td>
<td>N/mm²</td>
<td>dry / moist</td>
<td>90</td>
</tr>
<tr>
<td>Elongation at tear</td>
<td>%</td>
<td>dry / moist</td>
<td>65</td>
</tr>
<tr>
<td>Elastic modulus (tension test)</td>
<td>N/mm²</td>
<td>dry / moist</td>
<td>20</td>
</tr>
<tr>
<td>Ductility (notch d=3mm)</td>
<td>kJ/m²</td>
<td>dry / moist</td>
<td>&gt; 50</td>
</tr>
<tr>
<td>Indentation hardness</td>
<td>N/mm²</td>
<td>dry / moist</td>
<td>3400</td>
</tr>
<tr>
<td>Elastic modulus (tension test)</td>
<td>N/mm²</td>
<td>dry / moist</td>
<td>1700</td>
</tr>
</tbody>
</table>

### Thermal properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>State of sample</th>
<th>polyamide 66</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat-resistance according to ISO 75</td>
<td>°C</td>
<td>dry / moist</td>
<td>105</td>
</tr>
<tr>
<td>Process A</td>
<td></td>
<td>dry / moist</td>
<td>&gt; 200</td>
</tr>
<tr>
<td>Process B</td>
<td></td>
<td>dry / moist</td>
<td>260</td>
</tr>
<tr>
<td>Fusion temperature</td>
<td>°C</td>
<td>dry / moist</td>
<td>7-10</td>
</tr>
<tr>
<td>Longitudinal expansion coefficient</td>
<td>1/K x 10⁻⁵</td>
<td>dry / moist</td>
<td>0.23</td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>W/(K x m)</td>
<td>dry / moist</td>
<td>1.7</td>
</tr>
<tr>
<td>Specific heat capacity</td>
<td>J/(g x K)</td>
<td>dry / moist</td>
<td>3.2</td>
</tr>
</tbody>
</table>

### Electrical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>State of sample</th>
<th>polyamide 66</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dielectric constant (10⁵ Hz)</td>
<td></td>
<td>dry / moist</td>
<td>3.2</td>
</tr>
<tr>
<td>Dielectric loss factor tan δ (10⁵ Hz)</td>
<td></td>
<td>dry / moist</td>
<td>0.025</td>
</tr>
<tr>
<td>Dielectric strength</td>
<td>kV/mm</td>
<td>dry / moist</td>
<td>100-150</td>
</tr>
<tr>
<td>Specific volume resistance</td>
<td>Ω x cm</td>
<td>dry / moist</td>
<td>30-80</td>
</tr>
<tr>
<td>Surface resistance RQA</td>
<td>Ω</td>
<td>dry / moist</td>
<td>10¹²</td>
</tr>
<tr>
<td>Creep resistance</td>
<td>CTI</td>
<td>dry / moist</td>
<td>&gt; 600 (non-reinforced)</td>
</tr>
</tbody>
</table>

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1.3.6
Spring clamp connecting terminals

To connect one conductor to each clamp.
Springs of stainless steel.
Corrosion resistant, also suitable for marine systems,
for systems with high temperature variations, vibration resistant.
Approved for hazardous locations.
Spring clamp terminal overview

Spring clamp terminals to mounting rails 35mm according to EN 60715 TH 35

**Spring clamp terminals**

- **Spring clamp terminals with 2 clamps**
  
  2.5-16 mm²
  
  series 35310/..
  
  pages 1.3.10 - 1.3.11

- **Spring clamp ground conductor terminals with 2 clamps**
  
  2.5-16 mm²
  
  series 35310/..V
  
  pages 1.3.12 - 1.3.13

- **Spring clamp terminals with 3 clamps**
  
  1.5-6 mm²
  
  series 35330/..
  
  pages 1.3.14 - 1.3.15

- **Spring clamp ground conductor terminals with 3 clamps**
  
  2.5-6 mm²
  
  series 35330/..V
  
  page 1.3.16

- **Spring clamp terminals with 4 clamps**
  
  2.5+4 mm²
  
  series 35340/..
  
  page 1.3.17

- **Spring clamp ground conductor terminals with 4 clamps**
  
  2.5+4 mm²
  
  series 35340/..V
  
  page 1.3.18

- **Spring clamp terminals for proximity switches with/without ground connection**
  
  1.5 mm²
  
  series 35370/..
  
  page 1.3.21

- **Three-step spring clamp terminals**
  
  1.5 mm²
  
  series 35400/..
  
  page 1.3.22

- **Three-step spring clamp terminals with ground connection**
  
  1.5 mm²
  
  series 35410/..
  
  page 1.3.23

- **Two-step spring clamp terminals**
  
  2.5+4 mm²
  
  series 35320/..
  
  page 1.3.20
Spring clamp terminals to mounting rails 35mm according to EN 60715 TH 35

Spring clamp terminal overview

1.3.9

Spring clamp terminals

Disconnection transit terminal
2.5 mm²
Art.No. 35470/3SV
page 1.3.24

Knife disconnecting terminal
2.5 mm²
Art.No. 35350/3TM
page 1.3.25

Disconnecting spring clamp terminal
for plug
4 mm²
Art.No. 35390/4TS
page 1.3.26

Spring clamp fuse terminals
4 mm²
for fuses 5x20mm
Art.No. 35490/...
page 1.3.27

Spring clamp fuse terminals
4 mm²
for fuses 1/4"x1 1/4"
Art.No. 35495/...
page 1.3.28

Accessories

Partitions and end barriers, end retainers
pages 1.3.30-1.3.31

Cross-junction racks, cross-connectors and funnel-shaped cable entrances
pages 1.3.32-1.3.33

Female connectors, test plugs, disconnecting plugs, etc.
page 1.3.34-1.3.36

Marking cards, marking strips and holders
page 1.3.37-1.3.39

Rails and accessories
pages 1.3.40-1.3.42
Spring clamp terminals with 2 clamps

2.5-6 mm²

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Ex terminals also available (see Ex flyer)

### Article numbers

#### Ratings

<table>
<thead>
<tr>
<th>0.2-2.5 mm²</th>
<th>0.5-4 mm²</th>
<th>0.5-6 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>26-12 AWG</td>
<td>22-10 AWG</td>
<td>22-8 AWG</td>
</tr>
<tr>
<td>800V/24A</td>
<td>800V/32A</td>
<td>800V/41A</td>
</tr>
<tr>
<td>600V/20A</td>
<td>600V/30A</td>
<td>600V/50A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grey</th>
<th>Blue</th>
<th>Green and yellow (insulated earthing conductor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35310/3GR</td>
<td>35310/3BL</td>
<td>35310/3E</td>
</tr>
<tr>
<td>35310/4GR</td>
<td>35310/4BL</td>
<td>35310/4E</td>
</tr>
<tr>
<td>35310/6GR</td>
<td>35310/6BL</td>
<td>35310/6E</td>
</tr>
</tbody>
</table>

### Technical data

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>Packing unit pcs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>12</td>
<td>50</td>
</tr>
<tr>
<td>12</td>
<td>50</td>
</tr>
</tbody>
</table>

### Accessories see pages 1.3.29 to 1.3.42

#### Test adaptors

- 80247
- 80248

#### Marking cards

- RB/5x9
- RB/5x12
- RB/6x9
- RB/6x12

<table>
<thead>
<tr>
<th>(3 strips)</th>
<th>(3 strips)</th>
<th>(3 strips)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35455/09BS</td>
<td>35455/15BS</td>
<td>35455/09BS</td>
</tr>
<tr>
<td>35455/15BS</td>
<td></td>
<td>35455/15BS</td>
</tr>
</tbody>
</table>

#### Marking strips

- 35455/59T
- 35455/69T

#### Partition and end barrier

- 35311/3
- 35311/4

#### End retainer

- 35445

#### Cross-junction racks

- Grey
- Blue
- Red
- Black

<table>
<thead>
<tr>
<th>35425/05</th>
<th>35425/05BL</th>
<th>35425/05RO</th>
</tr>
</thead>
<tbody>
<tr>
<td>35425/06</td>
<td>35425/06BR</td>
<td>35425/06BR</td>
</tr>
</tbody>
</table>

#### Bridges to cross-junction racks

- 35435/302
- 35435/305
- 35435/310

<table>
<thead>
<tr>
<th>35435/405</th>
<th>35435/415</th>
<th>35435/605</th>
</tr>
</thead>
<tbody>
<tr>
<td>35435/615</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Funnel-shaped cable entrance

- for 0.2 mm² conductor, white
- for 0.5 mm² conductor, grey
- for 1 mm² conductor, black
- for 1.5 mm² conductor, black

<table>
<thead>
<tr>
<th>35435/302</th>
<th>35435/305</th>
<th>35435/310</th>
</tr>
</thead>
<tbody>
<tr>
<td>35435/405</td>
<td>35435/415</td>
<td>35435/605</td>
</tr>
<tr>
<td>35435/615</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.3.10
### Spring clamp terminals with 2 clamps

**Dimensions**: 10 + 16 mm²

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of flexible stranded conductors of the nominal cross-section even without end sleeves
- Insulated, recessed, 2-part cross-connectors for vertically shifted connection of adjacent terminals

**Article numbers**

<table>
<thead>
<tr>
<th>RATINGS</th>
<th>1.5-10 mm²</th>
<th>16-6 AWG</th>
<th>2.5-16 mm²</th>
<th>14-4 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800V/57A</td>
<td>600V/60A</td>
<td>800V/76A</td>
<td>600V/65A</td>
</tr>
</tbody>
</table>

**Colors**
- grey
- blue
- green and yellow (insulated earthing conductor)

**Technical data**

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>18</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- **Test adaptors**
  - 80247
  - 80248
- **Marking cards**
  - RB/5x9
  - RB/5x12
- **Marking strips**
  - 35455/09BS
  - 35455/15BS
- **Marking adaptor**
  - 35455/59T
- **Partition and end barrier**
  - 35311/10
  - 35311/16
- **End retainer**
  - 35445
- **Cross-connectors, 2-part**
  - 35425/10
  - 35425/12

1.3.11
Spring clamp ground conductor terminals with 2 clamps

2.5-6 mm²

- Springs and base part of ground conductor of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- For recessed cross-connections
- Ex terminals also available (see Ex flyer)

<table>
<thead>
<tr>
<th>Article numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 mm²</td>
</tr>
<tr>
<td>to terminals for polar conductor</td>
</tr>
<tr>
<td>green with yellow marking</td>
</tr>
</tbody>
</table>

**Technical data**

| Strip insulation mm | 10 | 12 | 12 |
| Packing unit pcs. | 50 | 50 | 50 |

**Accessories see pages 13.29 to 13.42**

- Test adaptors | 80247 | 80248 | 80247 | 80248 |
- Marking cards | RB/5x9 | RB/5x12 | RB/6x9 | RB/6x12 | RB/6x9 | RB/6x12 |
- Marking strips | 35455/09BS | (3 strips) | 35455/09BS | (3 strips) | 35455/09BS | (3 strips) |
- Marking adaptor | 35455/59T | 35455/69T |
- Partition and end barrier | 35311/3 | 35311/4 | 35311/4 |
- End retainer | 35445 | 35445 | 35445 |
- Funnel-shaped cable entrance | 35435/302 | 35435/305 | 35435/405 | 35435/605 |
  for 0.2 mm² conductor, white
  for 0.5 mm² conductor, grey
  for 1 mm² conductor, black
  for 1.5 mm² conductor, black | 35435/310 | 35435/415 | 35435/615 |
### Spring clamp ground conductor terminals with 2 clamps

10 + 16 mm²

- Springs of stainless steel
- Connecting bar and base part of ground conductor of tinned copper
- Marking with label or marking strip
- Easy introduction of flexible stranded conductors of the nominal cross-section even without end sleeves

#### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>10 mm²</th>
<th>6 AWG</th>
<th>16 mm²</th>
<th>4 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>to terminals for polar conductor</td>
<td>35310/10</td>
<td></td>
<td>35310/16</td>
<td></td>
</tr>
<tr>
<td>green with yellow marking</td>
<td>35310/10V</td>
<td></td>
<td>35310/16V</td>
<td></td>
</tr>
</tbody>
</table>

#### Technical data

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>18</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>50</td>
<td>50</td>
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</tbody>
</table>

#### Accessories see pages 1.3.29 to 1.3.42

<table>
<thead>
<tr>
<th>Test adaptors</th>
<th>80247</th>
<th>80248</th>
<th>80247</th>
<th>80248</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking cords</td>
<td>RB/5x9</td>
<td>2 labels</td>
<td>RB/6x9</td>
<td>2 labels</td>
</tr>
<tr>
<td>on top in the middle</td>
<td>RB/5x12</td>
<td>2 labels</td>
<td>RB/6x12</td>
<td>2 labels</td>
</tr>
<tr>
<td>Marking strips</td>
<td>35455/09BS</td>
<td>(3 strips)</td>
<td>35455/09BS</td>
<td>(3 strips)</td>
</tr>
<tr>
<td>on top in the middle and at both narrow sides</td>
<td>35455/15BS</td>
<td>35455/15BS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marking adaptor</td>
<td>35455/59T</td>
<td>(2 adaptors)</td>
<td>35455/69T</td>
<td>(2 adaptors)</td>
</tr>
<tr>
<td>Partition and end barrier</td>
<td>35311/10</td>
<td>35311/16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>End retainer</td>
<td>35445</td>
<td>35445</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Important information**

Spring clamp ground conductor terminals Art. No. 35310/16V have to be mounted on copper rails, i.e. on mounting rails Art. No. 80290.
Spring clamp terminals with 3 clamps

1.5-4 mm²

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Ex terminals also available (see Ex flyer)

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.2-1.5 mm²</th>
<th>0.2-2.5 mm²</th>
<th>0.5-4 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>800V/10A</td>
<td>800V/24A</td>
<td>800V/32A</td>
<td>600V/30A</td>
</tr>
<tr>
<td>26-14 AWG</td>
<td>26-12 AWG</td>
<td>600V/20A</td>
<td></td>
</tr>
</tbody>
</table>

- grey
- blue
- yellow with green marking (insulated earthing conductor)

### Technical data

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>8</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>50</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

### Accessories see pages 13.29 to 13.42

- Test adaptors
- Marking cards on top
- Marking strips on top in the middle and at both narrow sides
- Partition and end barrier
- End retainer
- Cross-junction racks grey blue red black
- Bridges to cross-junction racks
- Funnel-shaped cable entrance for 0.2 mm² conductor, white
- Funnel-shaped cable entrance for 0.5 mm² conductor, grey
- Funnel-shaped cable entrance for 1 mm² conductor, black
- Funnel-shaped cable entrance for 1.5 mm² conductor, black
**Spring clamp terminals with 3 clamps 6 mm²**

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Ex terminals also available (see Ex flyer)

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.5-6 mm²</th>
<th>22-8 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800V/41A</td>
<td>600V/50A</td>
</tr>
<tr>
<td>grey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>blue</td>
<td>35330/6GR</td>
<td>35330/6BL</td>
</tr>
</tbody>
</table>

### Technical data

<table>
<thead>
<tr>
<th>Strip insulation</th>
<th>mm</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit</td>
<td>pcs.</td>
<td>25</td>
</tr>
</tbody>
</table>

### Accessories see pages 1.3.29 to 1.3.42

- **Test adaptors**
  - 80247
  - 80248

- **Marking cards**
  - RB/8x9
  - RB/8x12

- **Marking strips**
  - 35455/09BS
  - 35455/15BS
  - 1 label
  - 1 label
  - (3 strips)

- **Partition and end barrier**
  - 35341/4

- **End retainer**
  - 35445

- **Cross-junction racks**
  - 35425/08

- **Bridge to cross-junction racks**
  - 35425/06BR

- **Funnel-shaped cable entrance**
  - for 0.5 mm² conductor, grey
    - 35435/605
  - for 1.5 mm² conductor, black
    - 35435/615
Spring clamp ground conductor terminals with 3 clamps

2.5-6mm²

- Springs and base part of ground conductor of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- For recessed cross-connections
- Ex terminals also available (see Ex flyer)

**Article numbers**

<table>
<thead>
<tr>
<th>Ratings</th>
<th>2.5 mm²</th>
<th>12 AWG</th>
<th>4 mm²</th>
<th>10 AWG</th>
<th>6 mm²</th>
<th>8 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>to terminals for polar conductor</td>
<td>35330/3</td>
<td></td>
<td>35330/4</td>
<td></td>
<td>35330/6</td>
<td></td>
</tr>
<tr>
<td>green with yellow marking</td>
<td>35330/3V</td>
<td></td>
<td>35330/4V</td>
<td></td>
<td>35330/6V</td>
<td></td>
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</tbody>
</table>

**Technical data**

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>10</th>
<th>12</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

**Accessories see pages 1.3.29 to 1.3.42**

- Test adaptors
  - 80247
  - 80248
- Marking cards
  - RB/5x9
  - RB/5x12
  - 1 label
  - 1 label
- Marking strips
  - 35455/09BS (3 strips)
  - 35455/15BS (3 strips)
  - 1 label
  - 1 label
- Marking adaptor
  - 35455/59T
  - 35455/69T
- Partition and end barrier
  - 35341/3
  - 35341/4
- End retainer
  - 35445
- Funnel-shaped cable entrance
  - for 0.2 mm² conductor, white
  - 35435/302
  - 35435/305
  - 35435/310
  - for 0.5 mm² conductor, grey
  - 35435/405
  - 35435/415
  - 35435/605
  - 35435/615

---

PA 66
## Spring clamp terminals with 4 clamps

### 2.5 + 4 mm²

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Ex terminals also available (see Ex flyer)

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.2-2.5 mm²</th>
<th>0.5-4 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.2-2.5 mm²</td>
<td>26-12 AWG</td>
</tr>
<tr>
<td></td>
<td>800V/24A</td>
<td>800V/32A</td>
</tr>
<tr>
<td></td>
<td>600V/20A</td>
<td>600V/30A</td>
</tr>
<tr>
<td></td>
<td>35340/3GR</td>
<td>35340/4GR</td>
</tr>
<tr>
<td></td>
<td>35340/3BL</td>
<td>35340/4BL</td>
</tr>
<tr>
<td></td>
<td>35340/09BS</td>
<td>35455/09BS</td>
</tr>
<tr>
<td></td>
<td>35340/15BS</td>
<td>35455/15BS</td>
</tr>
<tr>
<td></td>
<td>35455/69T</td>
<td>35455/69T</td>
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<tr>
<td></td>
<td>35455/59T</td>
<td>35455/59T</td>
</tr>
<tr>
<td></td>
<td>35455/05S</td>
<td>35425/05S</td>
</tr>
<tr>
<td></td>
<td>35455/05SL</td>
<td>35425/05SL</td>
</tr>
<tr>
<td></td>
<td>35455/05RO</td>
<td>35425/05RO</td>
</tr>
<tr>
<td></td>
<td>35455/06</td>
<td>35425/06</td>
</tr>
<tr>
<td></td>
<td>35455/068R</td>
<td>35425/068R</td>
</tr>
<tr>
<td></td>
<td>35435/02</td>
<td>35435/02</td>
</tr>
<tr>
<td></td>
<td>35435/03</td>
<td>35435/03</td>
</tr>
<tr>
<td></td>
<td>35435/10</td>
<td>35435/10</td>
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<tr>
<td></td>
<td>35435/405</td>
<td>35435/405</td>
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<tr>
<td></td>
<td>35435/415</td>
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### Technical data

<table>
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<tr>
<th>Strip insulation mm</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

### Accessories see pages 1.3.29 to 1.3.42

- Test adaptors
- Marking cards
- Marking strips
- Marking adaptor
- Partition and end barrier
- Cross-junction racks
- Bridges to cross-junction racks
- Funnel-shaped cable entrance

**woertz**
Spring clamp ground conductor terminals with 4 clamps

2.5 + 4 mm²

- Springs and base part of ground conductor of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- For recessed cross-connections
- Ex terminals also available (see Ex flyer)

**Article numbers**

<table>
<thead>
<tr>
<th>Ratings</th>
<th>2.5 mm²</th>
<th>12 AWG</th>
<th>4 mm²</th>
<th>10 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>to terminals for polar conductor</td>
<td>35340/3</td>
<td></td>
<td>35340/4</td>
<td></td>
</tr>
<tr>
<td>green with yellow marking</td>
<td>35340/3V</td>
<td></td>
<td>35340/4V</td>
<td></td>
</tr>
</tbody>
</table>

**Technical data**

<table>
<thead>
<tr>
<th>Strip insulation</th>
<th>mm</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit</td>
<td>pcs.</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

**Accessories see pages 1.3.29 to 1.3.42**

<table>
<thead>
<tr>
<th>Test adaptors</th>
<th>80247</th>
<th>80248</th>
<th>80247</th>
<th>80248</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking cards</td>
<td>RB/5x9</td>
<td>1 label</td>
<td>RB/6x9</td>
<td>1 label</td>
</tr>
<tr>
<td>on top in the middle</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marking strips</td>
<td>35455/09BS</td>
<td>(3 strips)</td>
<td>35455/09BS</td>
<td>(3 strips)</td>
</tr>
<tr>
<td>on top in the middle and at both narrow sides</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marking adaptor</td>
<td>35455/59T</td>
<td></td>
<td>35455/69T</td>
<td></td>
</tr>
<tr>
<td>Partition and end barrier</td>
<td>35341/3</td>
<td></td>
<td>35341/4</td>
<td></td>
</tr>
<tr>
<td>End retainer</td>
<td>35445</td>
<td></td>
<td>35445</td>
<td></td>
</tr>
<tr>
<td>Funnel-shaped cable entrance for 0.2 mm² conductor, white</td>
<td>35435/302</td>
<td></td>
<td>35435/405</td>
<td></td>
</tr>
<tr>
<td>for 0.5 mm² conductor, grey</td>
<td>35435/305</td>
<td></td>
<td>35435/415</td>
<td></td>
</tr>
<tr>
<td>for 1 mm² conductor, black</td>
<td>35435/310</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for 1.5 mm² conductor, black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Spring clamp terminal with 2 cross-connections
4 mm², without cross-junction racks

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Ex terminals also available (see Ex flyer)

**Technical information**

Cross-junction racks have to be ordered separately. Special cross-connections are possible, e.g. between all L-terminals on one hand and between all N-terminals on the other hand.

---

**Article numbers**

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.5-4 mm²</th>
<th>22-10 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800V/32A</td>
<td>600V/25A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Colour</th>
<th>Article number</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey</td>
<td>35360/4GR</td>
</tr>
<tr>
<td>blue</td>
<td>35360/4BL</td>
</tr>
</tbody>
</table>

**Technical data**

<table>
<thead>
<tr>
<th>Strip insulation</th>
<th>mm</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit</td>
<td>pcs.</td>
<td>25</td>
</tr>
</tbody>
</table>

**Accessories see pages 1.3.29 to 1.3.42**

- Test adaptors
  - 80247
  - 80248
- Marking cards
  - on top
    - RB/6x9
    - RB/6x12
- Marking strips
  - on top and at both narrow sides
    - 35455/09BS
    - 35455/15BS
- Marking adaptor
  - 35455/09T
- Partition and end barrier
  - 35341/4
- End retainer
  - 35445
- Cross-junction racks
  - black
    - 35425/06
    - 35425/06BR
- Bridge to cross-junction racks
- Funnel-shaped cable entrance
  - for 0.5 mm² conductor, grey
    - 35435/405
  - for 1.5 mm² conductor, black
    - 35435/415

---

Cross-connections made with terminal No. 35360/4... Every second terminal is left out.
Two-step spring clamp terminals

2.5 + 4 mm²

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking on both steps with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Ex terminals also available (see Ex flyer)

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.2-2.5 mm²</th>
<th>0.5-4 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26-12 AWG</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td></td>
<td>500V/20A</td>
<td>500V/31A</td>
</tr>
<tr>
<td></td>
<td>300V/16A</td>
<td>300V/20A</td>
</tr>
</tbody>
</table>

| grey             | 35320/3GR   | 35320/4GR |
|                 | 35320/3BL   | 35320/4BL |

| blue             |             |           |
|                 |             |           |

| green and yellow (insulated earthing conductor) | 35320/3GR | 35320/4GR |
|                                               | 35320/3BL | 35320/4BL |

### Technical data

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>10</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>

### Accessories see pages 1.3.29 to 1.3.42

- Test adaptors: 80247, 80248
- Marking cards: RB/5x9, 2 labels, RB/6x9, 2 labels
- Marking strips: 35455/09BS, 6 strips, 35455/09BS, 2 strips
- Marking adaptor: 35455/59T, 35455/69T
- Partition and end barrier: 35321/3, 35321/4
- End retainer: 35445
- Cross-junction racks: 35425/05, grey, 35425/05BL, blue, 35425/05RO, red, 35425/06, black
- Bridges to cross-junction racks: 35425/05BR, 35425/06BR
- Funnel-shaped cable entrance: 35435/02, for 0.2 mm² conductor, white, 35435/05, for 0.5 mm² conductor, grey, 35435/302, for 1.0 mm² conductor, black, 35435/415, for 1.5 mm² conductor, black
Spring clamp terminals for proximity switches
1.5 mm², with 4 or with 5 terminals and ground connection

- Springs of stainless steel
- Connecting bars of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Ex terminals also available (see Ex flyer)

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.2-1.5 mm²</th>
<th>26-14 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60V/17.5A</td>
<td>50V/10A</td>
</tr>
<tr>
<td>standard version</td>
<td></td>
<td></td>
</tr>
<tr>
<td>with 4 terminals, 2 cross-connections</td>
<td></td>
<td></td>
</tr>
<tr>
<td>grey</td>
<td>35370/2</td>
<td>35370/2V</td>
</tr>
</tbody>
</table>

### Technical data

| Strip insulation (mm)       | 8           |
| Packing unit (pcs.)         | 25          |

### Accessories see pages 1.3.29 to 1.3.42

- Test adaptors
  - 80247
  - 80248
- Marking cards at the narrow sides
  - RB/5x9
  - 2 labels
- Marking strips at the narrow sides
  - 35455/09BS
  - (2 strips)
- Marking adaptor
  - 35455/59T
- Partition and end barrier
  - 35371/2
- End retainer
  - 35445
- Cross-junction racks
  - grey
    - 35425/05
  - blue
    - 35425/05BL
  - red
    - 35425/05RO
- Bridge to cross-junction racks
  - 35425/05BR
- Funnel-shaped cable entrance for
  - 0.2 mm² conductor, white
    - 35435/302
  - 0.5 mm² conductor, grey
    - 35435/305
  - 1 mm² conductor, black
    - 35435/310
Three-step spring clamp terminal

1.5 mm²

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands that are smaller than 1.5 mm²
- Left narrow side of each step designed for inserting insulated, recessed and separable cross-junction racks
- Ex terminals also available (see Ex flyer)

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.2-1.5 mm²</th>
<th>26-14 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>500V/17.5A</td>
<td>300V/15A</td>
</tr>
<tr>
<td>grey</td>
<td>35400/2GR</td>
<td></td>
</tr>
<tr>
<td>blue</td>
<td>35400/2BL</td>
<td></td>
</tr>
</tbody>
</table>

### Technical data

<table>
<thead>
<tr>
<th>Strip insulation</th>
<th>mm</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit</td>
<td>pcs.</td>
<td>25</td>
</tr>
</tbody>
</table>

### Accessories see pages 1.3.29 to 1.3.42

- Marking cards
  - on top and at the right narrow side: RB/5x9, 6 labels
- Marking strips
  - on top and at the right narrow side: 35455/09BS, (6 strips)
- Marking adaptor: 35455/59T
- Partition and end barrier: 35401/2
- End retainer: 35445
- Cross-junction racks
  - grey: 35425/05
  - blue: 35425/05BL
  - red: 35425/05RO
- Bridge to cross-junction racks: 35425/05BR
- Funnel-shaped cable entrance
  - for 0.2 mm² conductor, white: 35435/302
  - for 0.5 mm² conductor, grey: 35435/305
  - for 1 mm² conductor, black: 35435/310
### Three-step spring clamp terminals with ground connection

- Springs of stainless steel
- Connecting bar of tinned copper
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands that are smaller than 1.5 mm²
- Right narrow side of 2nd and 3rd designed for inserting one insulated, recessed and separable cross-junction rack

#### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>Article Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2-1.5 mm²</td>
<td>35410/2</td>
</tr>
<tr>
<td>26-14 AWG</td>
<td>26-14 AWG</td>
</tr>
<tr>
<td>500V/10A</td>
<td>500V/10A</td>
</tr>
<tr>
<td>300V/10A</td>
<td>300V/10A</td>
</tr>
<tr>
<td>standard version</td>
<td>3rd step separate, with pivoting holder for 1 fuse*5x20mm</td>
</tr>
</tbody>
</table>

#### Technical data

<table>
<thead>
<tr>
<th>Strip insulation (mm)</th>
<th>Packing unit (pcs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>20</td>
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<tr>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>

#### Accessories see pages 29 to 42

<table>
<thead>
<tr>
<th>Marking cards at the left and right narrow sides</th>
<th>RB/6x9</th>
<th>2 labels each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking strips at the left and right narrow sides</td>
<td>35455/09BS</td>
<td>(2 strips each)</td>
</tr>
<tr>
<td>designed for 2 further marking labels or 2 marking strips on the top</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Marking adaptor</th>
<th>35455/69T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition and end barrier</td>
<td>35411/2</td>
</tr>
<tr>
<td>End retainer</td>
<td>35445</td>
</tr>
<tr>
<td>Cross-junction racks grey</td>
<td>35425/06</td>
</tr>
<tr>
<td>Bridge to cross-junction racks</td>
<td>35425/06BR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Funnel-shaped cable entrance for 0.2 mm² conductor, white</th>
<th>35435/302</th>
</tr>
</thead>
<tbody>
<tr>
<td>for 0.5 mm² conductor, grey</td>
<td>35435/305</td>
</tr>
<tr>
<td>for 1 mm² conductor, black</td>
<td>35435/310</td>
</tr>
</tbody>
</table>

*Order fuse separately!
Disconnection transit terminal

2.5 mm² with contact pin for clipping on female connectors 2 to 12-part

- Springs of stainless steel
- Connecting bar with contact pin of nickel-plated brass
- Marking with label or marking strip
- Enables plug connection between terminal and PCB connectors with different pole numbers
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals

**Technical information**

Cover contact pin when female connector is removed. Stick transparent protection against contact between the 2 cams on top of the terminal and fold them.

**Accessories see pages 13.29 to 13.42**

- Test adaptors
- 80247
- 80248
- Marking cards on top
- RB/5x9
- RB/5x12
- Marking strips on top and at both narrow sides
- 35455/09BS
- 35455/15BS
- Marking adaptor
- 35455/59T
- Partition and end barrier
- 35341/3
- End retainer
- 35445
- Cross-junction racks
- grey
- 35425/05
- 35425/05BL
- 35425/05RO
- 35425/05BR
- blue
- red
- Bridge to cross-junction racks
- Funnel-shaped cable entrance for 0.2 mm² conductor, white
- 35435/302
- 35435/305
- 35435/310
- for 0.5 mm² conductor, grey
- for 1 mm² conductor, black
- Female connectors 2.5 mm², Grid 5.08mm, 250V 2- to 12-part
- 31251H/0...
- Art. No. ends with 002 to 012 (number of poles)
- Protection against contact for contact pin, transparent, 24-part, breakable
- 35475/3A

---

**Articlenumbers**

Ratings

<table>
<thead>
<tr>
<th>0.2-2.5 mm²</th>
<th>26-12 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>800V/24A</td>
<td>150V/15A</td>
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</tbody>
</table>

grey

| 35470/3SV |

---

**Technical data**

<table>
<thead>
<tr>
<th>Strip insulation</th>
<th>mm</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing unit</td>
<td>pcs.</td>
<td>50</td>
</tr>
</tbody>
</table>

---

**PA 66**

---

1.3.24
Knife disconnecting terminal

2.5 mm²

- Springs of stainless steel
- Connecting bars and knife of nickel-plated brass
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Disconnecting knife can be locked in open position

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.2-2.5 mm²</th>
<th>26-12 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strip insulation</td>
<td>10</td>
<td></td>
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<tr>
<td>Packing unit</td>
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### Technical data

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>10</th>
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</thead>
<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>25</td>
</tr>
</tbody>
</table>

### Accessories see pages 1.3.29 to 1.3.42

- Test adaptors
  - 80247
  - 80248
- Marking cards
  - RB/5x9
  - RB/5x12
- Marking strips
  - 35455/09BS
  - 35455/15BS
- Marking adaptor
  - 35455/59T
- Partition and end barrier
  - 35341/3
- End retainer
  - 35445
- Cross-junction racks
  - grey
    - 35425/05
    - 35425/05BL
    - 35425/05RO
  - blue
    - 35425/05
  - red
    - 35425/05
- Bridge to cross-junction racks
  - 35425/05BR
- Funnel-shaped cable entrance
  - for 0.2 mm² conductor, white
    - 35435/302
  - for 0.5 mm² conductor, grey
    - 35435/305
  - for 1 mm² conductor, black
    - 35435/310

Never handle knife when live!
**Disconnecting spring clamp terminal**

4 mm², for disconnecting plugs, fuse, diode and component plugs

- Springs of stainless steel
- Connecting bars of tinned copper
- Wrap connection parts of nickel-plated brass
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals

**Artikel numbers**

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.5-4 mm²</th>
<th>22-10 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>800V/20A</td>
<td>600V/15A</td>
<td></td>
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</table>

**Grey**

35390/4TS

**Technical data**

<table>
<thead>
<tr>
<th>Strip insulation mm</th>
<th>12</th>
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<tbody>
<tr>
<td>Packing unit pcs.</td>
<td>25</td>
</tr>
</tbody>
</table>

**Accessories see pages 1.3.29 to 1.3.42**

- Test adaptors
  - 80247
  - 80248

- Marking cards
  - RB/6x9
  - RB/6x12

- Marking strips
  - 35455/09BS
  - 35455/15BS

- Marking adaptor
  - 35455/69T

- Partition and end barrier
  - 35341/4

- End retainer
  - 35445

- Cross-junction racks
  - 35425/06
  - 35425/06BR

- Bridge to cross-junction racks
  - 35435/405
  - 35435/415

- Funnel-shaped cable entrance
  - for 0.5 mm² conductor, grey
  - for 1.5 mm² conductor, black

- Disconnecting plug No. 3821
- Fuse plugs
  - with indicator
  - with LED 24V
  - with LED 230V
- Diode plug
  - 30133
  - 30205
  - 30132

Order disconnecting plugs, fuse plugs, diode plugs and component plugs separately!
Spring clamp fuse terminals
4 mm², for fuses 5x20 mm

- Springs of stainless steel
- Metal parts of nickel-plated copper
- Terminal closed on all sides
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Fuse-carrier locked in open position
- Available with LED 24V or 230V

**Additional information:**
- With LEDs to indicate damaged fuse
- An easy breakable peg at the bottom part enables two fuse-holders to be joined together
- In a single fuse terminal, a heavier load is possible than in a block of several fuse terminals strung together that heat each other up. This source of heat has to be taken into account when planning.

**Articlnumbers**

<table>
<thead>
<tr>
<th>0.5-4 mm²</th>
<th>22-10 AWG</th>
<th>0.5-4 mm²</th>
<th>22-10 AWG</th>
<th>0.5-4 mm²</th>
<th>22-10 AWG</th>
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</thead>
<tbody>
<tr>
<td>500V</td>
<td>300V</td>
<td>500V</td>
<td>300V</td>
<td>500V</td>
<td>300V</td>
</tr>
<tr>
<td>without indicator</td>
<td>with indicator LED 24V</td>
<td>without indicator</td>
<td>with indicator LED 24V</td>
<td>without indicator</td>
<td>with indicator LED 230V</td>
</tr>
<tr>
<td>(delivered without fuse)</td>
<td>(delivered without fuse)</td>
<td>(delivered without fuse)</td>
<td>(delivered without fuse)</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5-4 mm²</td>
</tr>
<tr>
<td>500V</td>
</tr>
<tr>
<td>without indicator</td>
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<tr>
<td>(delivered without fuse)</td>
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</table>

<table>
<thead>
<tr>
<th>Striped insulation mm</th>
<th>max. rated current (fuse) A</th>
<th>Operating voltage V</th>
<th>Packing unit pcs.</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>6.3</td>
<td>10-57V AC/DC</td>
<td>25</td>
</tr>
<tr>
<td>12</td>
<td>6.3</td>
<td>85-264V AC</td>
<td>25</td>
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</table>

**Technical data**

- Strip insulation mm
- max. rated current (fuse) A
- Operating voltage V
- Packing unit pcs.

<table>
<thead>
<tr>
<th>Accessories see pages 1.3.29 to 1.3.42</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test adaptors</td>
</tr>
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<td>80247</td>
</tr>
<tr>
<td>80248</td>
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<td>80247</td>
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<td>80248</td>
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<tr>
<td>80247</td>
</tr>
<tr>
<td>80248</td>
</tr>
<tr>
<td>Marking cards</td>
</tr>
<tr>
<td>at both narrow sides and on the fuse-carrier</td>
</tr>
<tr>
<td>RB/8x9</td>
</tr>
<tr>
<td>RB/8x12</td>
</tr>
<tr>
<td>RB/8x9</td>
</tr>
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<td>RB/8x12</td>
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<td>RB/8x9</td>
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<tr>
<td>RB/8x12</td>
</tr>
<tr>
<td>Marking strips</td>
</tr>
<tr>
<td>at both narrow sides</td>
</tr>
<tr>
<td>35455/098S</td>
</tr>
<tr>
<td>(2 strips)</td>
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<tr>
<td>35455/098S</td>
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<td>35455/098S</td>
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<td>(2 strips)</td>
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<td>35445</td>
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<td>35445</td>
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<td>35445</td>
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<tr>
<td>Cross-junction racks</td>
</tr>
<tr>
<td>block</td>
</tr>
<tr>
<td>35425/08</td>
</tr>
<tr>
<td>35425/08</td>
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<tr>
<td>35425/08</td>
</tr>
<tr>
<td>Bridge to cross-junction racks</td>
</tr>
<tr>
<td>35425/068R</td>
</tr>
<tr>
<td>35425/068R</td>
</tr>
<tr>
<td>35425/068R</td>
</tr>
<tr>
<td>Funnel-shaped cable entrance</td>
</tr>
<tr>
<td>for 0.5 mm² conductor, grey</td>
</tr>
<tr>
<td>35435/405</td>
</tr>
<tr>
<td>35435/415</td>
</tr>
<tr>
<td>35435/405</td>
</tr>
<tr>
<td>for 1.5 mm² conductor, black</td>
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</tr>
<tr>
<td>35435/415</td>
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**Article numbers**

<table>
<thead>
<tr>
<th>0.5-4 mm²</th>
<th>22-10 AWG</th>
<th>0.5-4 mm²</th>
<th>22-10 AWG</th>
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</thead>
<tbody>
<tr>
<td>500V</td>
<td>300V</td>
<td>500V</td>
<td>300V</td>
</tr>
<tr>
<td>without indicator</td>
<td>with indicator LED 24V</td>
<td>without indicator</td>
<td>with indicator LED 24V</td>
</tr>
<tr>
<td>(delivered without fuse)</td>
<td>(delivered without fuse)</td>
<td>(delivered without fuse)</td>
<td>(delivered without fuse)</td>
</tr>
</tbody>
</table>

**Additional information:**

- With LEDs to indicate damaged fuse
- An easy breakable peg at the bottom part enables two fuse-holders to be joined together
- In a single fuse terminal, a heavier load is possible than in a block of several fuse terminals strung together that heat each other up. This source of heat has to be taken into account when planning.

Never handle fuse carrier when live!
Spring clamp fuse terminals

4 mm², for fuses 1/4”x 1 1/4” (6.3x32mm)

- Springs of stainless steel
- Metal parts of nickel-plated copper
- Terminal closed on all sides
- Marking with label or marking strip
- Easy introduction of strands of the nominal cross-section even without end sleeves
- Use funnel-shaped cable entrances for introducing wires and strands with smaller cross-sections
- Insulated, recessed and separable cross-junction racks for 10 terminals
- Fuse-carriers locked in open position
- Available with LED 24V or 230V

Additional information:
- With LEDs to indicate damaged fuse
- An easy breakable peg at the bottom part enables two fuse-holders to be joined together
- In a single fuse terminal, a heavier load is possible than in a block of several fuse terminals strung together that heat each other up. This source of heat has to be taken into account when planning.

---

### Article numbers

<table>
<thead>
<tr>
<th>Ratings</th>
<th>0.5-4 mm²</th>
<th>0.5-4 mm² with indicator LED 24V for fuse 24V</th>
<th>0.5-4 mm² with indicator LED 230V for fuse 250V</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>22-10 AWG</td>
<td>22-10 AWG</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td></td>
<td>500V</td>
<td>300V</td>
<td>300V</td>
</tr>
<tr>
<td>block</td>
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### Technical data

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<th>Strip insulation mm</th>
<th>12</th>
<th>12</th>
<th>12</th>
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</thead>
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<tr>
<td>max. rated current (fuse) A</td>
<td>12</td>
<td>12</td>
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<tr>
<td>Operating voltage V</td>
<td>10-57V AC/DC</td>
<td>85-264V AC</td>
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<tr>
<td>Packing unit pcs.</td>
<td>25</td>
<td>25</td>
<td>25</td>
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</tbody>
</table>

### Accessories see pages 1.3.29 to 1.3.42

- Test adaptors: 80247, 80248, 80247, 80248
- Marking cards at both narrow sides: RB/6x9, RB/6x12
- Marking strips at both narrow sides: 35455/09BS (2 strips)
- End retainer: 35445
- Cross-junction racks: grey 35425/05, blue 35425/05BL, red 35425/05R0
- Bridge to cross-junction racks 35425/05BR
- Funnel-shaped cable entrance for 0.5 mm² conductor, grey 35435/405, for 1.5 mm² conductors, block 35435/415

---

Never handle fuse carriers when live!
Accessories for spring clamp terminals to mounting rails 35mm EN 60715 TH 35

Accessories pages 1.3.30 to 1.3.42

- Partitions and end barriers pages 1.3.30 + 1.3.31
- End retainer page 1.3.31
- Cross-junction racks and accessories page 1.3.32
- Funnel-shaped cable entrance page 1.3.33
- Female connectors and protection against accidental contact for transit terminal page 1.3.34
- Test adaptors page 1.3.34
- Disconnecting plugs and component plugs page 1.3.35
- Diode plugs and fuse plugs page 1.3.36
- Marking accessories pages 1.3.37-1.3.39
- Rails and accessories pages 1.3.40-1.3.42
Partitions and end barriers

For partitions and end barriers, only one article is offered here. It can be transformed from a partition to an end barrier by breaking off a part at the predeter-
dined breaking point.

### Technical data

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>for terminals</th>
</tr>
</thead>
</table>
| 3531/3         | ![Illustration](image1) | of polyamide 66, grey  
Packing unit: 50 pcs.  
W = 2mm, L = 54.1mm, H = 35.7mm | Spring clamp terminals and grounded connection terminals with 2 clamps 2.5mm² series 35310/3 |
| 3531/4         | ![Illustration](image2) | of polyamide 66, grey  
Packing unit: 50 pcs.  
W = 2mm, L = 64.5mm, H = 39.2mm | Spring clamp terminals and grounded connection terminals with 2 clamps 4mm² series 35310/4 and 6mm² series 35310/6 |
| 3531/10        | ![Illustration](image3) | of polyamide 66, grey  
Packing unit: 50 pcs.  
W = 2mm, L = 73.5mm, H = 42mm | Spring clamp terminals and grounded connection terminals with 2 clamps 10mm² series 35310/10 |
| 3531/16        | ![Illustration](image4) | of polyamide 66, grey  
Packing unit: 100 pcs.  
W = 2mm, L = 82.5mm, H = 43mm | Spring clamp terminals and grounded connection terminals with 2 clamps 16mm² series 35310/16 |
| 3532/3         | ![Illustration](image5) | of polyamide 66, grey  
Packing unit: 25 pcs.  
W = 2mm, L = 107.3mm, H = 47.2mm | Two-step spring clamp terminals 2.5mm² series 35320/3 |
| 3532/4         | ![Illustration](image6) | of polyamide 66, grey  
Packing unit: 25 pcs.  
W = 2mm, L = 87mm, H = 66mm | Two-step spring clamp terminals 4mm² series 35320/4 |
| 3533/2         | ![Illustration](image7) | of polyamide 66, grey  
Packing unit: 100 pcs.  
W = 2mm, L = 58.7mm, H = 35.7mm | Spring clamp terminals with 3 clamps 1.5mm² series 35330/2 |
| 3534/3         | ![Illustration](image8) | of polyamide 66, grey  
Packing unit: 25 pcs.  
W = 2mm, L = 68.1mm, H = 35.7mm | Spring clamp terminals and grounded connection terminals with 3 clamps 2.5mm² series 35340/3 |
| 3534/4         | ![Illustration](image9) | of polyamide 66, grey  
Packing unit: 25 pcs.  
W = 2mm, L = 109.5mm, H = 39.2mm | Spring clamp terminals and grounded connection terminals with 3 clamps 4mm² series 35330/4, 6mm² series 35330/6, with 4 clamps 4mm² series 35340/4, spring clamp terminals with 2 cross-connections 4mm² series 35360/4, disconnect spring clamp terminal 35390/4TS |
<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>for terminals</th>
</tr>
</thead>
</table>
| 35371/2        | ![Illustration](image1.png) | of polyamide 66, grey  
Packing unit: 25 pcs.  
W = 2mm, L = 96mm, H = 45mm | Spring clamp terminals for proximity switches 1.5mm²  
with 4 terminals, with 5 terminals and ground connection  
series 35370/2 |
| 35401/2        | ![Illustration](image2.png) | of polyamide 66, grey  
Packing unit: 50 pcs.  
W = 2mm, L = 109mm, H = 72mm | Three-step spring clamp terminals 1.5mm² series  
35400/2 |
| 35411/2        | ![Illustration](image3.png) | of polyamide 66, grey  
Packing unit: 25 pcs.  
W = 2mm, L = 111mm, H = 62mm | Three-step spring clamp terminals 1.5mm² with ground  
connection series 35410/2 |
| 35445          | ![Illustration](image4.png) | of polyamide 66, grey  
Packing unit: 50 pcs.  
W = 8mm, L = 45.2mm, H = 23.5mm | Spring clamp terminals 1.5mm² to 16mm² |

End retainer

The end barrier can be snapped on to mounting rails  
EN 60715 TH 35.  
For marking with 2 marking labels RB/8x9.
Cross-junction racks and accessories

Cross-junction racks can be cut to any desired length with a cutting tool. When they are inserted into a terminal series, at the top, the cross-connection is aligned to the terminal series, and the 12mm long marking labels or the 15mm wide marking strips are above it.

**Cross-junction racks and bridges to spring clamp terminals**

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>for terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey 35425/05</td>
<td><img src="image1" alt="Cross-junction rack" /></td>
<td>Cross-junction racks 10-part, insulated Packing unit: 10 pcs. W = 1mm, L = 47.8mm, H (leg length) = 29.7mm</td>
<td>Spring clamp terminals with 2 clamps 2.5mm² series 35310/3 Spring clamp terminals with 3 clamps 1.5mm² series 35330/2 Spring clamp terminals with 3 clamps 2.5mm² series 35330/3 Spring clamp terminals with 4 clamps 2.5mm² series 35340/3 Two-step spring clamp terminals 2.5mm² series 35320/3 Spring clamp terminals for proximity switches 1.5mm² series 35370/2 Three-step spring clamp terminals 1.5mm² series 35400/2</td>
</tr>
<tr>
<td>blue 35425/05BL</td>
<td><img src="image2" alt="Cross-junction rack" /></td>
<td>Bridge to cross-junction racks 35425/05 for connecting two adjacent cross-junction racks delivered as strips with 10 pcs.</td>
<td>Disconnecting transit terminal 2.5mm² Art. No. 35470/3SY Spring clamp knife disconnecting terminal 2.5mm² Art. No. 35350/3FM Spring clamp fuse terminals 4mm² series 35495/4</td>
</tr>
<tr>
<td>red 35425/05RO</td>
<td><img src="image3" alt="Cross-junction rack" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>grey 35425/05BR</td>
<td><img src="image4" alt="Cross-junction rack" /></td>
<td>Bridge to cross-junction racks 35425/05 and 35425/08 for connecting two adjacent cross-junction racks delivered as strips with 10 pcs.</td>
<td></td>
</tr>
<tr>
<td>black 35425/06</td>
<td><img src="image5" alt="Cross-junction rack" /></td>
<td>Cross-junction racks 10-part, insulated Packing unit: 10 pcs. W = 1.7mm, L = 58mm, H (leg length) = 33.2mm</td>
<td>Spring clamp terminals with 2 clamps 4mm², s. 35310/4 Spring clamp terminals with 3 clamps 4mm², s. 35330/4 Spring clamp terminals with 4 clamps 4mm², s. 35340/4 Spring clamp terminal with 2 cross-connections 4mm² series 35360/4 Two-step spring clamp terminals 4mm² series 35320/4 Three-step spring clamp terminals 1.5mm² with ground connection series 35410/2 Disconnecting spring clamp terminal 4mm² Art. No. 35390/4TS</td>
</tr>
<tr>
<td>black 35425/068R</td>
<td><img src="image6" alt="Cross-junction rack" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>black 35425/08</td>
<td><img src="image7" alt="Cross-junction rack" /></td>
<td>Cross-junction racks 10-part, insulated Packing unit: 10 pcs. W = 2.3mm, L = 77.6mm, H (leg length) = 33.2mm</td>
<td>Spring clamp terminals with 2 clamps 6mm² series 35310/6 Spring clamp terminals with 3 clamps 6mm² series 35330/6 Spring clamp fuse terminals 4mm² series 35490/4</td>
</tr>
<tr>
<td>black 35425/068R</td>
<td><img src="image8" alt="Cross-junction rack" /></td>
<td>Bridge to cross-junction racks 35425/06 and 35425/08 for jumpering two adjacent cross-junction racks delivered as strips with 10 pcs.</td>
<td></td>
</tr>
<tr>
<td>black 35425/10</td>
<td><img src="image9" alt="Cross-junction rack" /></td>
<td>Insulated cross-connector 2-part for vertically shifted jumpering of adjacent terminals Packing unit: 50 pcs.</td>
<td>Spring clamp terminals with 2 clamps 10mm² series 35310/10</td>
</tr>
<tr>
<td>black 35425/12</td>
<td><img src="image10" alt="Cross-junction rack" /></td>
<td>Insulated cross-connector 2-part for vertically shifted jumpering of adjacent terminals Packing unit: 50 pcs.</td>
<td>Spring clamp terminals with 2 clamps 16mm² series 35310/16</td>
</tr>
</tbody>
</table>

1.3.32
Funnel-shaped cable entrances are inserted when conductors, whose cross-sections are smaller than the nominal cross-section of the terminals, are used.

**Funnel-shaped cable entrances to spring clamp terminals**

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>for terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>35435/302</td>
<td><img src="image1.png" alt="Illustration" /></td>
<td>for 0.2 mm² conductor of thermosetting plastic, white delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals, grounded conductor terminals with 2 clamps 2.5mm² series 35310/3 with 3 clamps 1.5mm² series 35330/2 and 2.5mm² series 35330/3 with 4 clamps 2.5mm² series 35400/3 Two-step spring clamp terminals 2.5mm² series 35320/3 Spring clamp terminals for proximity switches 1.5mm² series 35370/2 Three-step spring clamp terminals 1.5mm² series 35400/2 Three-step spring clamp terminals with ground connection 1.5mm² series 35410/2 Disconnecting transit terminal 2.5mm² Art. No. 35470/3SV Spring clamp knife disconnecting terminal 2.5mm² Art. No. 35350/3TM</td>
</tr>
<tr>
<td>35435/305</td>
<td><img src="image2.png" alt="Illustration" /></td>
<td>for 0.5 mm² conductor of thermosetting plastic, grey delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals, grounded connection terminals with 2 clamps 4mm² series 35310/4 with 3 clamps 4mm² series 35330/4 with 4 clamps 4mm² series 35340/4 Spring clamp terminal with 2 cross-connections series 35360/4 Two-step spring clamp terminals 4mm² series 35320/4 Disconnecting spring clamp terminal 4mm² series 35390/4TS Spring clamp fuse terminals 4mm² series 35490/4 Spring clamp fuse terminals 4mm² series 35495/4</td>
</tr>
<tr>
<td>35435/310</td>
<td><img src="image3.png" alt="Illustration" /></td>
<td>for 1 mm² conductor of thermosetting plastic, black delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals and grounded connection terminals with 2 clamps 6mm² series 35310/6 with 3 clamps 6mm² series 35330/6</td>
</tr>
<tr>
<td>35435/402</td>
<td><img src="image4.png" alt="Illustration" /></td>
<td>for 0.5 mm² conductor of thermosetting plastic, grey delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals, grounded conductor terminals with 2 clamps 2.5mm² series 35310/3 with 3 clamps 1.5mm² series 35330/2 and 2.5mm² series 35330/3 with 4 clamps 2.5mm² series 35400/3 Two-step spring clamp terminals 2.5mm² series 35320/3 Spring clamp terminals for proximity switches 1.5mm² series 35370/2 Three-step spring clamp terminals 1.5mm² series 35400/2 Three-step spring clamp terminals with ground connection 1.5mm² series 35410/2 Disconnecting transit terminal 2.5mm² Art. No. 35470/3SV Spring clamp knife disconnecting terminal 2.5mm² Art. No. 35350/3TM</td>
</tr>
<tr>
<td>35435/405</td>
<td><img src="image5.png" alt="Illustration" /></td>
<td>for 0.5 mm² conductor of thermosetting plastic, grey delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals, grounded connection terminals with 2 clamps 4mm² series 35310/4 with 3 clamps 4mm² series 35330/4 with 4 clamps 4mm² series 35340/4 Spring clamp terminal with 2 cross-connections series 35360/4 Two-step spring clamp terminals 4mm² series 35320/4 Disconnecting spring clamp terminal 4mm² series 35390/4TS Spring clamp fuse terminals 4mm² series 35490/4 Spring clamp fuse terminals 4mm² series 35495/4</td>
</tr>
<tr>
<td>35435/415</td>
<td><img src="image6.png" alt="Illustration" /></td>
<td>for 1.5 mm² conductor of thermosetting plastic, black delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals and grounded connection terminals with 2 clamps 6mm² series 35310/6 with 3 clamps 6mm² series 35330/6</td>
</tr>
<tr>
<td>35435/605</td>
<td><img src="image7.png" alt="Illustration" /></td>
<td>for 0.5 mm² conductor of thermosetting plastic, grey delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals, grounded conductor terminals with 2 clamps 2.5mm² series 35310/3 with 3 clamps 1.5mm² series 35330/2 and 2.5mm² series 35330/3 with 4 clamps 2.5mm² series 35400/3 Two-step spring clamp terminals 2.5mm² series 35320/3 Spring clamp terminals for proximity switches 1.5mm² series 35370/2 Three-step spring clamp terminals 1.5mm² series 35400/2 Three-step spring clamp terminals with ground connection 1.5mm² series 35410/2 Disconnecting transit terminal 2.5mm² Art. No. 35470/3SV Spring clamp knife disconnecting terminal 2.5mm² Art. No. 35350/3TM</td>
</tr>
<tr>
<td>35435/615</td>
<td><img src="image8.png" alt="Illustration" /></td>
<td>for 1.5 mm² conductor of thermosetting plastic, black delivered as divisible strips with 10 pcs.</td>
<td>Spring clamp terminals and grounded connection terminals with 2 clamps 6mm² series 35310/6 with 3 clamps 6mm² series 35330/6</td>
</tr>
</tbody>
</table>
## Female Connectors to Disconnecting Transit Terminal

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>31251H/002</td>
<td><img src="image1.png" alt="Image" /></td>
<td>Female connectors to transit terminal, 2.5mm², grid 5.08mm, 250V/12A. Pole numbers from 2 to 12.</td>
</tr>
<tr>
<td>31251H/003</td>
<td><img src="image2.png" alt="Image" /></td>
<td>A 15.50 H 3.80</td>
</tr>
<tr>
<td>31251H/004</td>
<td><img src="image3.png" alt="Image" /></td>
<td>C 18.80 I 2.80</td>
</tr>
<tr>
<td>31251H/005</td>
<td><img src="image4.png" alt="Image" /></td>
<td>D 8.30 J 3.10</td>
</tr>
<tr>
<td>31251H/006</td>
<td><img src="image5.png" alt="Image" /></td>
<td>E 1.00 K 1.80</td>
</tr>
<tr>
<td>31251H/007</td>
<td><img src="image6.png" alt="Image" /></td>
<td>F 5.70 P 5.08</td>
</tr>
<tr>
<td>31251H/008</td>
<td><img src="image7.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>31251H/009</td>
<td><img src="image8.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>31251H/010</td>
<td><img src="image9.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>31251H/011</td>
<td><img src="image10.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>31251H/012</td>
<td><img src="image11.png" alt="Image" /></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>35475/3A</td>
<td><img src="image12.png" alt="Image" /></td>
<td>for contact pin, transparent, 24-part, breakable. Cover contact pin when female connector is removed. Stick transparent protection against contact between the 2 cams on top of the terminal and fold them.</td>
</tr>
</tbody>
</table>

## Protection Against Accidental Contact for Transit Terminal

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>80247</td>
<td><img src="image13.png" alt="Image" /></td>
<td>Test plug ∅ 2.3mm, with contact strips, of gold-plated brass. With strand 0.5mm² soldered in and insulated socket for banana plug ∅ 4mm, protected against accidental contact. With red insulating sleeve. Packing unit: 10 pcs</td>
</tr>
<tr>
<td>80248</td>
<td><img src="image14.png" alt="Image" /></td>
<td>Test plug ∅ 2.3mm, with contact strips, of gold-plated brass. With strand 0.5mm² soldered in and insulated socket for banana plug ∅ 4mm, protected against accidental contact. With black insulating sleeve. Packing unit: 10 pcs</td>
</tr>
</tbody>
</table>

## Test Adaptors

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data for terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>80247</td>
<td><img src="image15.png" alt="Image" /></td>
<td>for all spring clamp terminals except the following ones: Spring clamp terminal 1.5mm² series 35330/2 Three-step spring clamp terminal 1.5mm² series 35400/2 Three-step spring clamp terminal with ground connection 1.5mm² series 35410/2</td>
</tr>
</tbody>
</table>
## Disconnecting plugs and component plugs

### Disconnecting plug

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>For terminals</th>
</tr>
</thead>
</table>
| 3821           | ![Disconnecting plug](image) | separate, orange  
800V 20A  
600 V 20A  
600 V 20A  
Packing unit: 25 pcs.  
Never handle plug when live! | Disconnecting spring clamp terminal 4mm² Art. No. 35390/4TS |

### Component plugs

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>For terminals</th>
</tr>
</thead>
</table>
| 30132          | ![Component plug](image) | separate, grey  
Empty. Equipped on request (see examples)  
Can be attached to terminal only in one direction.  
Marking facilities on both sides with labels RB/5x5 | Disconnecting spring clamp terminal 4mm² Art. No. 35390/4TS |

Example 1:  
with red light emitting diode ∅ 3mm  
and with resistor

Example 2:  
with red light emitting diode ∅ 3mm  
with resistor and with protective diode 1N 4007 mounted in parallel.  
Application: voltage indication for relay with freewheel diode

Example 3:  
with light emitting diode ∅ 3mm, red  
with resistor and with protective diode 1N 4007  
for alternating voltage

Example 4:  
with glow lamp for voltage indication and with resistor

---

**woertz**
## Diode plug and fuse plugs

### Diode plug

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>for terminals</th>
</tr>
</thead>
</table>
| 30133          | ![Diode plug illustration](image) | separate, grey  
Can be attached to terminal only in one direction.  
Marking facilities on both sides with labels RB/5x5  
with mounted diode (Ta = 25°C)  
Maximum reverse voltage: 1000V  
Maximum continuous current: 0.7A  
Maximum surge current 30A  
Voltage drop across diode: ~ 0.8V (max. 1.1V)  
Leakage current: <10\(\mu\)A  
(diode series 1N 4007)  
Mind marking on top of the plug.  
Never handle plug when live! | Disconnecting spring clamp terminal 4mm² Art. No. 35390/4TS |
| 30205          | ![Diode plug illustration](image) | separate, black  
Can be attached to terminal only in one direction.  
available with LED 24V or with LED 230V to indicate damaged fuse.  
3-figure marking on both sides with labels 3957/1, 3958/1 or RB/6x9  
The fuse plugs are delivered without fuses.  
Never handle plug when live! | Disconnecting spring clamp terminal 4mm² Art. No. 35390/4TS |

### Fuse plugs

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>for terminals</th>
</tr>
</thead>
</table>
| 30134          | ![Fuse plug illustration](image) | separate, grey  
Can be attached to terminal only in one direction.  
available with LED 24V or with LED 230V to indicate damaged fuse.  
3-figure marking on both sides with labels 3957/1, 3958/1 or RB/6x9  
The fuse plugs are delivered without fuses.  
Never handle plug when live! | Disconnecting spring clamp terminal 4mm² Art. No. 35390/4TS |

- **without indicator**
  - Art. No. 30134  
    - without LED  
      - 250V max. 4A, for fuse 5x20mm, 6.3A  
      - 300 V 10A  
      - 300 V 10A  

- **with indicator with LED 24V**
  - Art. No. 30134/24  
    - AC: 15-30V / DC: 10-25V / Leakage curr.: 0.8-2mA  
      - 250V max. 4A, for fuse 5x20mm, 6.3A  
      - 300 V 10A  
      - 300 V 10A  
      - Mind marking on the sides and on top of the plug.  

- **with indicator with LED 230V**
  - Art. No. 30134/230  
    - AC: 80-250V / DC: 40-125V / Leakage curr.: 0.5-2mA  
      - 250V max. 4A, for fuse 5x20mm, 6.3A  
      - 300 V 10A  
      - 300 V 10A  
      - Mind marking on the sides and on top of the plug.
For marking of 5, 6 or 8mm-wide terminals. Marking cards of polyamide 66, white, with 100 labels per card, printed black (see table below).
Label size: 5 x 5 mm, 5 x 9 mm, 5 x 12 mm, 6 x 9 mm, 6 x 12 mm, 8 x 9 mm or 8 x 12 mm.
Available in boxes containing 5 cards with 100 labels each, i.e. 500 labels per box.

Woertz Service: marking on request (see order form on page 1.3.38).
Individual terminal marking with Winscript (see brochure 1.1 “Screw Terminals” page 1.1.104)

<table>
<thead>
<tr>
<th>Label Size</th>
<th>Printing</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 x 5</td>
<td>35455/5501 35455/5901 35455/5201 35455/6901 35455/6201 35455/8901 35455/8201</td>
</tr>
<tr>
<td>5 x 9</td>
<td>35455/5502 35455/5902 35455/5202 35455/6902 35455/6202 35455/8902 35455/8202</td>
</tr>
<tr>
<td>5 x 12</td>
<td>35455/5503 35455/5903 35455/5203 35455/6903 35455/6203 35455/8903 35455/8203</td>
</tr>
<tr>
<td>6 x 9</td>
<td>35455/5504 35455/5904 35455/5204 35455/6904 35455/6204 35455/8904 35455/8204</td>
</tr>
<tr>
<td>6 x 12</td>
<td>35455/5505 35455/5905 35455/5205 35455/6905 35455/6205 35455/8905 35455/8205</td>
</tr>
<tr>
<td>8 x 9</td>
<td>35455/5506 35455/5906 35455/5206 35455/6906 35455/6206 35455/8906 35455/8206</td>
</tr>
<tr>
<td>8 x 12</td>
<td>35455/5507 35455/5907 35455/5207 35455/6907 35455/6207 35455/8907 35455/8207</td>
</tr>
</tbody>
</table>

1-10
11-20
21-30
31-40
41-50
51-60
61-70
71-80
81-90
91-100
1-50
51-100
101-150
151-200
201-300
301-400
401-500
1-500
L1
L2
L3
L1 L2 L3 (on 1 label)
L1 L2 L3 (32 times)
N
\perp
+
-
A-Z (without O)
unprinted

35455/05X05 35455/05X09 35455/05X12 35455/06X09 35455/06X12 35455/08X09 35455/08X12
Marking accessories
Marking cards printed according to your choice

Please fill out the form with block letters and order by fax. Make sure you have ticked the label type you want.

Fax Switzerland: +41 (0)61 461 96 06
Fax USA: (800) 522-3868

Billing address:
(if different from shipping address)

Company: .................................................................
Address: .................................................................
ZIP code/city: ...........................................................
Tel.: .................................................................
Fax: .................................................................
Contact person: .............................................................

Shipping address:
Customer number: .................................................................
Company: .................................................................
Address: .................................................................
ZIP code/city: ...........................................................
Tel.: .................................................................
Fax: .................................................................
Contact person: .............................................................

We order .................... card(s) of the selected type with printing according to drawing below.

Available special characters
Special characters count as 2 figures!

---

Printing example
Marking strips and marking adaptors

Marking strips for inserting into spring clamp terminals either on top or on the two narrow sides of the terminals. Can be divided with cutting tool.

---

### Marking strips

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Technical data</th>
<th>for terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>35455/09BS</td>
<td><img src="image1.png" alt="Illustration" /></td>
<td>of thermosetting plastic, white, unprinted Length of strips: 240mm Printable area: 9 mm high Packing unit: 25 pcs.</td>
<td>for all spring clamp terminals</td>
</tr>
<tr>
<td>35455/15BS</td>
<td><img src="image2.png" alt="Illustration" /></td>
<td>of thermosetting plastic, white, unprinted Length of strips: 240mm Printable area: 15 mm high Packing unit: 25 pcs.</td>
<td>for all spring clamp terminals except spring clamp terminals 1.5mm² Art. No. 35330/2 and spring clamp fuse terminals 4mm² Art. No. 35490, 35495</td>
</tr>
</tbody>
</table>

---

### Marking adaptor

**Height above terminals: 4.4 mm**

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Details</th>
<th>for terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>35455/59T</td>
<td><img src="image3.png" alt="Illustration" /></td>
<td>Adaptor for labels 5 x 9 mm, grey For clipping on to the slots in the 5mm wide terminals for continuous marking strips when 1 label RB 5x9 should be attached instead. W = 4.9mm, L = 9.5mm Packing unit: 100 pcs.</td>
<td>to 5mm wide spring clamp terminals with slots</td>
</tr>
<tr>
<td>35455/69T</td>
<td><img src="image4.png" alt="Illustration" /></td>
<td>Adaptor for labels 6 x 9 mm, grey For clipping on to the slots in the 6mm wide terminals for continuous marking strips when 1 label RB 6x9 should be attached instead. W = 5.9mm, L = 9.5mm Packing unit: 100 pcs.</td>
<td>to 6mm wide spring clamp terminals with slots</td>
</tr>
</tbody>
</table>
## Mounting rails according to EN 60715 TH35

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Dimension illustration</th>
<th>Technical data</th>
</tr>
</thead>
</table>
| 3401           | ![Image](image1.png) | ![Image](image2.png) | Galvanized steel  
a = 35mm, b = 7.3mm, c = 27mm, d = 1mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 16mm²  
Made in lengths of 2m, weight 325 g/m |
| 3401/L         | ![Image](image3.png) | ![Image](image4.png) | Galvanized bored steel, 18 x 5.2 mm  
a = 35mm, b = 7.3mm, c = 27mm, d = 1mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 16mm²  
Made in lengths of 2m, weight 310 g/m |
| 3401IN         | ![Image](image5.png) | ![Image](image6.png) | Stainless steel A2  
a = 35mm, b = 7.3mm, c = 27mm, d = 1mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 16mm²  
Made in lengths of 2m, weight 365 g/m |
| 3490           | ![Image](image7.png) | ![Image](image8.png) | Galvanized steel  
a = 35mm, b = 15mm, c = 24mm, d = 1mm, d1 = 2.5mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 50mm²  
Made in lengths of 2m, weight 925 g/m |
| 3490/L         | ![Image](image9.png) | ![Image](image10.png) | Galvanized bored steel, 18 x 5.2 mm  
a = 35mm, b = 15mm, c = 24mm, d = 1mm, d1 = 2.5mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 50mm²  
Made in lengths of 2m, weight 890 g/m |
| 80290          | ![Image](image11.png) | ![Image](image12.png) | Copper  
a = 35mm, b = 15mm, c = 24mm, d = 1mm, d1 = 2.3mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 150mm²  
Made in lengths of 2m, weight 765 g/m |

### Combined rails

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Dimension illustration</th>
<th>Technical data</th>
</tr>
</thead>
</table>
| 3400A          | ![Image](image13.png) | ![Image](image14.png) | external profile flanks according to EN 60715 TH35, internal profile flanks according to EN 60715 TH15 aluminum alloy, Extrudal-050  
a = 35mm, b = 7.3mm, c = 27mm, d = 1mm, e = 15mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 35mm²  
Made in lengths of 2m, weight 260 g/m |
| 80291/2M       | ![Image](image15.png) | ![Image](image16.png) | external profile flanks according to EN 60715 TH35, internal profile for receiving Woertz anchoring studs series 4420 and Woertz cable fixing brackets series 4350. aluminum alloy, Extrudal-050  
a = 35mm, b = 15mm, c = 35mm, d = 1mm, d1 = 1.8mm, e = 116.7mm  
Corresponds to the thermal resistance to short-circuits of a Cu conductor of 85mm²  
80291/3M Made in lengths of 3m, weight 379 g/m  
80291/6M Made in lengths of 6m, weight 379 g/m |
### Accessories to mounting rails according to EN 60715 TH 35

#### Cable-fasteners for clipping

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Dimension illustration</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>80063</td>
<td>![Image]</td>
<td>![Image]</td>
<td>for clipping on to rails according to EN 60715TH35 of polyamide 66, grey. For use in switchboards. Delivered without cable straps. Any cable straps may be used with these fasteners.</td>
</tr>
<tr>
<td>80064</td>
<td>![Image]</td>
<td>![Image]</td>
<td>- 80064 for cables Ø 9-12mm&lt;br&gt;W = 14mm&lt;br&gt; Packing unit: 100 pcs</td>
</tr>
<tr>
<td>80065</td>
<td>![Image]</td>
<td>![Image]</td>
<td>80065 for cables Ø 12-16mm&lt;br&gt;W = 18mm&lt;br&gt; Packing unit: 25 pcs</td>
</tr>
<tr>
<td>80066</td>
<td>![Image]</td>
<td>![Image]</td>
<td>- 80066 for cables Ø 16-20mm&lt;br&gt;W = 22mm&lt;br&gt; Packing unit: 25 pcs</td>
</tr>
</tbody>
</table>

#### Clamps for clipping

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Dimension illustration</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>9072</td>
<td>![Image]</td>
<td>![Image]</td>
<td>for clipping on to mounting rails according to EN 60715TH35, of polyamide 66, grey. may be used for mounting devices, with 3 borings for cylinder head self-tapping screw Ø 3.5mm. Packing unit: 100 pcs</td>
</tr>
<tr>
<td>49907</td>
<td>![Image]</td>
<td>![Image]</td>
<td>for clipping on to mounting rails according to EN 60715TH35, of polyamide 66, grey. may be used for mounting devices extending beyond the clamp, with 3 borings for cylinder head self-tapping screw Ø 3.5mm. Packing unit: 100 pcs</td>
</tr>
</tbody>
</table>

#### Supporting studs for covers

<table>
<thead>
<tr>
<th>Article number</th>
<th>H mm</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>80059/31</td>
<td>31</td>
<td>Base part of brass, stud of steel for mounting rails according to EN 60715TH35 with bolt thread and sealing screw M3 Clamping couple for electric screw-driver 0.8 Nm. Width = 6mm Packing unit: 50 pcs</td>
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To terminal covers Art. No. 80079/10, 80079/35, 80079/120 see page 1.1.92
## Label Carrier for Group Marking

<table>
<thead>
<tr>
<th>Article number</th>
<th>Illustration</th>
<th>Dimension illustration</th>
<th>Technical data</th>
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<td>3459</td>
<td><img src="image1" alt="Illustration" /></td>
<td><img src="image2" alt="Dimension Illustration" /></td>
<td>of polyamide 66, grey, halogen-free to mounting rails according to EN 60715 TH 35 with label 10x37mm of PVC, white. Under the label 10x37mm the label carrier for group marking has a boring for screwing on any other marking label or marking strip with a cylinder head self-tapping screw Ø 2.9x9.5mm. Packing unit: 100 pcs.</td>
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## Mounting Bracket

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<td><img src="image3" alt="Illustration" /></td>
<td><img src="image4" alt="Dimension Illustration" /></td>
<td>of sheet steel, 2 mm, zinc-plated 89mm long, 20 mm wide, 48mm high bent 30° with M6 thread for clear arrangement of terminals. Packing unit: 10 pcs.</td>
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