### Selection guide

<table>
<thead>
<tr>
<th>FEED THROUGH</th>
<th>SWITCH FOR NEUTRAL CIRCUIT</th>
<th>GROUND</th>
<th>DOUBLE DECK</th>
<th>TRIPLE DECK</th>
<th>SENSOR/ACTUATOR</th>
<th>DISTRIBUTION</th>
<th>HEAVY DUTY SWITCH</th>
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<tbody>
<tr>
<td><strong>SCREW CLAMP TERMINAL BLOCKS</strong></td>
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<td><strong>QUICK-CONNECT TERMINAL BLOCKS</strong></td>
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<td>Current: 20 to 35 A</td>
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**Selection guide**

- Rated wire size:
- Spacing:
- Current:
Summary

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## Selection guide

### FUSE HOLDER

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- **Rated wire size**: 0.5 to 16 mm² (22 to 12 AWG)
- **Rated wire size**: 0.5 to 16 mm² (22 to 8 AWG)
- **Rated wire size**: 0.12 to 4 mm² (26 to 12 AWG)
- **Rated wire size**: 0.2 to 4 mm² (22 to 10 AWG)
- **Rated wire size**: 0.34 to 2.5 mm² (22 to 14 AWG)

### TEST CIRCUIT

**Page 30 to 32**

- **Rated wire size**: 0.5 to 16 mm² (22 to 8 AWG)
- **Spacing**: 6 to 10 mm (.236" to .394")
- **Current**: 5 to 30 A

### MINIBLOCKS

**Page 34 - 35**

- **Rated wire size**: 0.2 to 4 mm² (28 to 12 AWG)
- **Spacing**: 4 to 6 mm (.157" to .236")
- **Current**: 10 to 30 A

### SAFETY

**Page 33**

- **Rated wire size**: 0.2 to 16 mm² (22 to 6 AWG)
- **Spacing**: 6 to 10 mm (.236" to .394")
- **Current**: 25 to 65 A

### RAILWAY

**Page 90 to 94**

- **Rated wire size**: 1.5 to 165 mm² (22 to 20 AWG)
- **Spacing**: 6 to 10 mm (.236" to .394")
- **Current**: 25 to 65 A

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- **Mounting rails**
- **End stops**

- **Shield terminals for collector bar**

### MARKING

**Page 102 to 104**

- **Vertical marking**
- **Horizontal marking**

- **Marking table**
Feed through and ground Terminal blocks

Screw clamp DIN 1-3

MA 2,5/5 - 2.5 mm² blocks - 5 mm .200" spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Wire size</th>
<th>Voltage</th>
<th>Current</th>
<th>Short circuit current (MA 2,5/5.PI)</th>
<th>Wire stripping length</th>
<th>Recommended torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stranded</td>
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<th>mm² / AWG</th>
<th>Nm / lb.in</th>
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Selection

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<th>Packaging Weight</th>
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<tbody>
<tr>
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<td>MA 2,5/5</td>
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<tr>
<td>Standard block blue</td>
<td>MA 2,5/5</td>
<td>1SNA 125 485</td>
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<tr>
<td>Standard block yellow</td>
<td>MA 2,5/5</td>
<td>1SNA 105 485</td>
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<td>Standard block orange</td>
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Accessories

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<td>End section yellow V0</td>
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<td>Ground block yellow body</td>
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MA 2,5/5.P - 2.5 mm² ground block with rail contact - 5 mm .200" spacing

Characteristics

<table>
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<th>Wire size</th>
<th>Voltage</th>
<th>Current</th>
<th>Short circuit current (MA 2,5/5.PI)</th>
<th>Wire stripping length</th>
<th>Recommended torque</th>
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<th>Nm / lb.in</th>
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<td>Ground block V2 green/yellow</td>
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Accessories

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<th>Packaging Weight</th>
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<tr>
<td>End section yellow V0</td>
<td>FEM6/10</td>
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<td>Ground block green marking</td>
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<td>1SNA 118 707</td>
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## Feed through and ground Terminal blocks
### Screw clamp DIN 1-3

### M 4/6 - 4 mm² blocks - 6 mm .238" spacing

#### Characteristics

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<td>4 mm²</td>
<td>10 AWG</td>
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<td>Recommended torque</td>
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#### Selection

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<td>M 4/6 V0</td>
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<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>M 4/6.PI</td>
<td>1SNA 165 275</td>
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#### Accessories

<table>
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<tr>
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<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop grey</td>
<td>BAM</td>
<td>1SNA 103 002</td>
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<td>End section grey</td>
<td>FEM6</td>
<td>1SNA 118 368</td>
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<td>End section blue</td>
<td>FEM6</td>
<td>1SNA 128 368</td>
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<tr>
<td>End section orange</td>
<td>FEM6</td>
<td>1SNA 103 126</td>
<td>0100</td>
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<td>End section yellow</td>
<td>FEM6</td>
<td>1SNA 103 125</td>
<td>0100</td>
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<tr>
<td>Separator end section grey</td>
<td>SCF6</td>
<td>1SNA 118 707</td>
<td>0030</td>
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<tr>
<td>Assembled jumper bar (with IP20 protection) 2 poles</td>
<td>BJM6</td>
<td>1SNA 176 663</td>
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<td>3 poles</td>
<td>BJM6</td>
<td>1SNA 176 664</td>
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<td>4 poles</td>
<td>BJM6</td>
<td>1SNA 176 665</td>
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<tr>
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<td>BJM6</td>
<td>1SNA 176 666</td>
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<tr>
<td>10 poles</td>
<td>BJM6</td>
<td>1SNA 176 667</td>
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<td>Screwless jumper bar 2 poles</td>
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<td>3 poles</td>
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<td>4 poles</td>
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<td>5 poles</td>
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<td>BJJE6.10</td>
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<td>CBM8</td>
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### M 4/6.P - 4 mm² ground block with rail contact - 6 mm .238" spacing

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<th>UL</th>
<th>CSA</th>
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<td>0.2 - 4 mm²</td>
<td>22-12 AWG</td>
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<td>Stranded</td>
<td>0.22 - 4 mm²</td>
<td>22-12 AWG</td>
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<td>A / s</td>
<td>480A/1s</td>
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</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>10 AWG</td>
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<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
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</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.5 - 0.8 Nm / 4.4 - 7.1 lb.in</td>
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<th>Packaging Weight kg</th>
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<td>Ground block V2 green/yellow</td>
<td>M 4/6.P</td>
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<td>Mounting on DIN 3 rail without screw</td>
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<td>Ground block V0 green/yellow</td>
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<tr>
<td>End section yellow V0</td>
<td>FEM6</td>
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<td>Separator end section grey</td>
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<td>1SNA 118 707</td>
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Single pole, multiclamp
Terminal blocks

Screw clamp  DIN 1 - 3

### M 4/6.3A - 4 mm² blocks - 6 mm .238" spacing

**Characteristics**

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<table>
<thead>
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<table>
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<th>Current</th>
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<table>
<thead>
<tr>
<th>Rated wire size</th>
<th>mm² / AWG</th>
<th>4 mm²</th>
<th>10 AWG</th>
<th>12 AWG</th>
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<table>
<thead>
<tr>
<th>Wire stripping length</th>
<th>mm / inches</th>
<th>9.5 mm / .37&quot;</th>
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<table>
<thead>
<tr>
<th>Recommended torque</th>
<th>Nm / lb.in</th>
<th>0.5 - 0.8 Nm / 4.4 - 7.1 lb.in</th>
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**Selection**

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<thead>
<tr>
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<th>Packaging Weight kg</th>
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</tr>
<tr>
<td>Standard block blue</td>
<td>M 4/6.3A.N</td>
<td>1SNC 125 468</td>
<td>50</td>
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<tr>
<td>Standard block beige V0</td>
<td>M 4/6.3A.V0</td>
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**Accessories**

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### M 4/6.4A - 4 mm² blocks - 6 mm .238" spacing

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<td>0.2 - 4</td>
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<table>
<thead>
<tr>
<th>Voltage</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Current</th>
<th>A</th>
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<table>
<thead>
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<th>Rated wire size</th>
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<th>4 mm²</th>
<th>10 AWG</th>
<th>12 AWG</th>
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<table>
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<tr>
<th>Wire stripping length</th>
<th>mm / inches</th>
<th>9.5 mm / .37&quot;</th>
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<table>
<thead>
<tr>
<th>Recommended torque</th>
<th>Nm / lb.in</th>
<th>0.5 - 0.8 Nm / 4.4 - 7.1 lb.in</th>
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**Selection**

<table>
<thead>
<tr>
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<th>Packaging Weight kg</th>
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<td>Standard block blue</td>
<td>M 4/6.4A.N</td>
<td>1SNC 125 479</td>
<td>50</td>
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<tr>
<td>Standard block beige V0</td>
<td>M 4/6.4A.V0</td>
<td>1SNC 195 479</td>
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**Accessories**

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<th>Packaging Weight kg</th>
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<td>BAM</td>
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### M 6/8 - 6 mm² blocks - 8 mm .315" spacing

#### Characteristics

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<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
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<td>Solid</td>
<td>0.5 - 10</td>
<td>22-8 AWG</td>
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<tr>
<td></td>
<td>Stranded</td>
<td>0.5 - 8</td>
<td>22-8 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
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<td>Current</td>
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<td>A / s</td>
<td>720A/1s</td>
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<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm²</td>
<td>8 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>12 mm / .47&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.8 - 1 Nm / 7.1-8.9 lb.in</td>
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</tbody>
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#### Selection

<table>
<thead>
<tr>
<th>Description</th>
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<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
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<td>TSNA 115 118</td>
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<tr>
<td>Standard block blue</td>
<td>M 6/8.N</td>
<td>TSNA 125 118</td>
<td>50</td>
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<tr>
<td>Standard block yellow</td>
<td>M 6/8</td>
<td>TSNA 105 004</td>
<td>50</td>
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<tr>
<td>Standard block orange</td>
<td>M 6/8</td>
<td>TSNA 105 118</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 6/8.VO</td>
<td>TSNA 195 118</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>M 6/8.PI</td>
<td>TSNA 165 451</td>
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#### Accessories

<table>
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<th>9,1 mm</th>
<th>TSNA 103 002</th>
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<tbody>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEM6 2.8 mm</td>
<td>TSNA 118 368</td>
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<tr>
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<td>blue</td>
<td>FEM6 2.8 mm</td>
<td>TSNA 128 368</td>
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<td></td>
<td>orange</td>
<td>FEM6 2.8 mm</td>
<td>TSNA 103 126</td>
<td>20</td>
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<td>yellow</td>
<td>FEM6 2.8 mm</td>
<td>TSNA 103 062</td>
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<td>green</td>
<td>FEM6 2.8 mm</td>
<td>TSNA 103 125</td>
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<td>Separator end section</td>
<td>grey</td>
<td>SCF6 3 mm</td>
<td>TSNA 118 707</td>
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<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJM8 41 A</td>
<td>TSNA 176 669</td>
<td>10</td>
</tr>
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<td>3 poles</td>
<td>BJM8 41 A</td>
<td>TSNA 176 670</td>
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<td>4 poles</td>
<td>BJM8 41 A</td>
<td>TSNA 176 671</td>
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<td>5 poles</td>
<td>BJM8 41 A</td>
<td>TSNA 176 672</td>
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<td>10 poles</td>
<td>BJM8 41 A</td>
<td>TSNA 176 673</td>
<td>10</td>
</tr>
<tr>
<td>Screwless jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJEB.2 41 A</td>
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<td>3 poles</td>
<td>BJEB.3 41 A</td>
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<td>4 poles</td>
<td>BJEB.4 41 A</td>
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<td>10 poles</td>
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### M 6/8.P - 6 mm² ground block with rail contact - 8 mm .315" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td>22-8 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.5 - 8</td>
<td>22-8 AWG</td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>720A/1s</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm²</td>
<td>8 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>12 mm / .47&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.8 - 1 Nm / 7.1-8.9 lb.in</td>
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#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
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<tbody>
<tr>
<td>Ground block V2 green/yellow</td>
<td>M 6/8.P</td>
<td>TSNA 165 114</td>
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</tr>
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<td>D 6/8.P</td>
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#### Accessories

| End section                                     | yellow | FEM6 2.8 mm | TSNA 103 062 | 20 |
|                                                  | yellow V0 | FEM6.10 2.8 mm | TSNA 195 305 | 20 |
| Separator end section                            | grey | SCF6 3 mm | TSNA 118 707 | 20 |
Feed through and ground Terminal blocks

Screw clamp DIN 1-3

M 10/10 - 10 mm² blocks - 10 mm .394" spacing

<table>
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<th>IEC</th>
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<th>UL</th>
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<td>mm² / AWG</td>
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<td>20-6 AWG</td>
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<td>18-6 AWG</td>
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</tr>
<tr>
<td>Voltage</td>
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<td>mm² / AWG</td>
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<td>6 AWG</td>
<td>6 AWG</td>
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<td>Wire stripping length</td>
<td>mm / inches</td>
<td>12 mm / .47&quot;</td>
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</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>1.2-1.4 Nm / 10.6-12.4 lb.in</td>
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Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Standard block grey</td>
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<td>M 10/10</td>
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<td>M 10/10.V0</td>
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<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>M 10/10.PI</td>
<td>1SNA 165 452 122</td>
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<td>grey FEM6 2.8 mm</td>
<td>1SNA 118 368 R16</td>
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<td>blue FEM6 2.8 mm</td>
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<td>orange FEM6 2.8 mm</td>
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<td>yellow FEM6 2.8 mm</td>
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<td>green FEM6 2.8 mm</td>
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<td>grey SCF6 3 mm</td>
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<td>3 poles BJMI10 57 A</td>
<td>1SNA 176 676 R05</td>
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<td>4 poles BJMI10 57 A</td>
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<td>5 poles BJMI10 57 A</td>
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<td>10 poles BJMI10 57 A</td>
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M 10/10.P - 10 mm² ground block with rail contact - 10 mm .394" spacing

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<td>Wire size</td>
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<td>mm² / AWG</td>
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<td>20-6 AWG</td>
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<td>mm² / AWG</td>
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<td>6 AWG</td>
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<td></td>
<td>10 mm²</td>
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<td>12 mm / .47&quot;</td>
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Selection

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<td>Ground block V2 green/yellow</td>
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<td>Ground block V0 green/yellow</td>
<td>M 10/10.P.V0</td>
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<td>grey SCF6 3 mm</td>
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Feed through and ground Terminal blocks

Screw clamp  

DIN 1-3

M 16/12 - 16 mm² blocks - 12 mm .473" spacing

Characteristics

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<td>19-6 AWG</td>
<td>8-4 AWG</td>
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<td>mm² / AWG</td>
<td>Stranded</td>
<td>0.5 - 16</td>
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<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
<td>600</td>
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<tr>
<td>Current</td>
<td>A</td>
<td>85</td>
<td>85</td>
<td>100</td>
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<td>A / s</td>
<td>1920A/1s</td>
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<td>Rated wire size</td>
<td>mm² / AWG</td>
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<td>6 AWG</td>
<td>4 AWG</td>
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<td>Wire stripping length</td>
<td>mm / inches</td>
<td>14 mm / .55&quot;</td>
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<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>1.2-1.4 Nm / 10.6-12.4 lb.in</td>
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Selection

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<th>Packaging Weight kg</th>
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<td>Standard block grey</td>
<td>M 16/12</td>
<td>TSNA 115 129</td>
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<tr>
<td>Standard block blue</td>
<td>M 16/12.N</td>
<td>TSNA 125 129</td>
<td>20</td>
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<tr>
<td>Standard block yellow</td>
<td>M 16/12</td>
<td>TSNA 106 129</td>
<td>20</td>
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<tr>
<td>Standard block beige V0</td>
<td>M 16/12.V0</td>
<td>TSNA 195 126</td>
<td>20</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>M 16/12.PI</td>
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Accessories

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<tbody>
<tr>
<td>End stop grey</td>
<td>BAM 9,1 mm</td>
<td>TSNA 103 002</td>
<td>50</td>
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<tr>
<td>End section grey</td>
<td>FEM12 3 mm</td>
<td>TSNA 118 616</td>
<td>20</td>
</tr>
<tr>
<td>End section blue</td>
<td>FEM12 3 mm</td>
<td>TSNA 128 616</td>
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<tr>
<td>End section yellow</td>
<td>FEM12 3 mm</td>
<td>TSNA 103 065</td>
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<td>Separator end section grey</td>
<td>SCF12 3 mm</td>
<td>TSNA 118 707</td>
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<tr>
<td>Assembled jumper bar 2 poles (with IP20 protection)</td>
<td>BJMI12 76 A</td>
<td>TSNA 179 626</td>
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<tr>
<td>3 poles</td>
<td>BJMI12 76 A</td>
<td>TSNA 179 628</td>
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<tr>
<td>4 poles</td>
<td>BJMI12 76 A</td>
<td>TSNA 179 629</td>
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<td>5 poles</td>
<td>BJMI12 76 A</td>
<td>TSNA 179 630</td>
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<td>10 poles</td>
<td>BJMI12 76 A</td>
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M 16/12.P - 16 mm² ground block with rail contact - 12 mm .473" spacing

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<th>CSA</th>
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<td>14-4 AWG</td>
<td>10-6 AWG</td>
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<td>mm² / AWG</td>
<td>Stranded</td>
<td>4 - 16</td>
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<td>A / s</td>
<td>1920A/1s</td>
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<td>mm² / AWG</td>
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<td>4 AWG</td>
<td>6 AWG</td>
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<td>mm / inches</td>
<td>14 mm / .55&quot;</td>
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<tr>
<td>Recommended torque</td>
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Selection

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<tr>
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<th>Type</th>
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<tbody>
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<td>M 16/12.P</td>
<td>TSNA 165 130</td>
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<tr>
<td>Ground block V0 green/yellow</td>
<td>M 16/12.P.V0</td>
<td>TSNA 195 130</td>
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Accessories

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<td>TSNA 114 825</td>
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ABB Entelec

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Feed through and ground Terminal blocks

Screw clamp DIN 1-3

M 35/16 - 35 mm² blocks - 16 mm .630" spacing

Characteristics

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<td>10 - 0 AWG</td>
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<td>10 - 1 AWG</td>
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<td>V</td>
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<td>600</td>
<td>600</td>
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Selection

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<td>M 35/16.N</td>
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<td>101.0</td>
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<td>Standard block yellow</td>
<td>M 35/16</td>
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<td>Standard block beige V0</td>
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<td>M 35/16.PI</td>
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Accessories

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<td>1SNA 206 218</td>
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M 35/16.P - 35 mm² ground block with rail contact - 16 mm .630" spacing

Characteristics

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<td>8-0 AWG</td>
<td>6-4 AWG</td>
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Selection

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<th>Packaging</th>
<th>Weight</th>
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<td>1SNA 165 111</td>
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<td>Ground block V0 green/yellow</td>
<td>M 35/16.P.V0</td>
<td>1SNA 195 111</td>
<td>103.0</td>
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Feed through and ground Terminal blocks

Screw clamp DIN 1-3

### M 70/22 - 70 mm² blocks - 22 mm .866" spacing

#### Characteristics

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<td>6.00 AWG</td>
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<td>9400A/1s</td>
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<td>9400A/1s</td>
<td>9400A/1s</td>
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<td>00 AWG</td>
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<td>23 mm / 0.9&quot;</td>
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<td>6-7 Nm / 53.4-62.3 lb.in</td>
<td>6-7 Nm / 53.4-62.3 lb.in</td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>M 70/22</td>
<td>1511 115 216</td>
<td>1511 115 216</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>M 70/22.N</td>
<td>1511 125 216</td>
<td>1511 125 216</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 70/22.V0</td>
<td>1511 185 216</td>
<td>1511 185 216</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>M 70/22.PI</td>
<td>1511 165 596</td>
<td>1511 165 596</td>
</tr>
</tbody>
</table>

#### Accessories

| End stop | BAMH | 12 mm | 1511 114 836 |
| End section grey | FEM22 | 3 mm | 1511 113 065 |
| End section yellow | FEM22 | 3 mm | 1511 103 881 |
| End section beige V0 | FEM22 | 3 mm | 1511 193 066 |

### M 70/22.P - 70 mm² ground block with rail contact - 22 mm .630" spacing

#### Selection

<table>
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<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Ground block V2 green/yellow</td>
<td>M 70/22.P</td>
<td>1511 399 024</td>
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</tbody>
</table>

### M 95/26 - 95 mm² blocks - 26 mm 1.02" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>IEC NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>35 - 120</td>
<td>00 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>35 - 95</td>
<td>00 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>1000</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>232</td>
<td>230</td>
</tr>
<tr>
<td>Short circuit current (M 4/6.PI)</td>
<td>A / s</td>
<td>11400A/1s</td>
<td>11400A/1s</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>95 mm²</td>
<td>1000 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>26 mm / 1.02&quot;</td>
<td>26 mm / 1.02&quot;</td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>8.5-9.5 Nm / 74-83 lb.in</td>
<td>8.5-9.5 Nm / 74-83 lb.in</td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>M 95/26</td>
<td>1511 115 556</td>
<td>1511 115 556</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>M 95/26.N</td>
<td>1511 125 556</td>
<td>1511 125 556</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 95/26.V0</td>
<td>1511 195 556</td>
<td>1511 195 556</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>M 95/26.PI</td>
<td>1511 165 596</td>
<td>1511 165 596</td>
</tr>
</tbody>
</table>

#### Accessories

| End stop | BAMH | 3 mm | 1511 114 836 |
| End section grey | SCF22 | 3 mm | 1511 113 851 |

### M 95/26/P - 95 mm² ground block with rail contact - 26 mm 1.02" spacing

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground block V2 green/yellow</td>
<td>M 95/26.P</td>
<td>1511 399 176</td>
<td>1511 399 176</td>
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</tbody>
</table>

ABB Enterelec

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Power terminal blocks

Screw clamp DIN 3

D 150/31.D10 - 150 mm² blocks - 31 mm 1.22” spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 150/31.D10</td>
<td>1SNC 399 715</td>
<td>10</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 150/31.D10.PI</td>
<td>1SNC 399 716</td>
<td>10</td>
</tr>
</tbody>
</table>

D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 240/36.D10</td>
<td>1SNC 399 704</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 240/36.D10.PI</td>
<td>1SNC 399 705</td>
<td>5</td>
</tr>
</tbody>
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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
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<tbody>
<tr>
<td>Standard block grey</td>
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<td>1SNC 399 704</td>
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<tr>
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<td>D 240/36.D10.PI</td>
<td>1SNC 399 705</td>
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D 150/31.D10 - 150 mm² blocks - 31 mm 1.22” spacing

Characteristics

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<td>D 150/31.D10</td>
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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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<tr>
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<td>1SNC 399 705</td>
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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

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<tbody>
<tr>
<td>Standard block grey</td>
<td>D 240/36.D10</td>
<td>1SNC 399 704</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 240/36.D10.PI</td>
<td>1SNC 399 705</td>
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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

Characteristics

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<th>Order P/N</th>
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</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 240/36.D10</td>
<td>1SNC 399 704</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 240/36.D10.PI</td>
<td>1SNC 399 705</td>
<td>5</td>
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D 240/36.D10 - 240 mm² blocks - 36 mm 1.41” spacing

Characteristics

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<thead>
<tr>
<th>Description</th>
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<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>D 240/36.D10</td>
<td>1SNC 399 704</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 240/36.D10.PI</td>
<td>1SNC 399 705</td>
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Feed through terminal blocks

Double-deck

Screw clamp

MA 2,5/5.D2 - 2.5 mm² blocks - 5 mm .200" spacing

<table>
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<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-12 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>630</td>
<td>300</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>24</td>
<td>20</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>3.5 mm / .138&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.4-0.6 Nm / 3.5-5.3 Ib.in</td>
<td></td>
</tr>
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</table>

(1) Only for MA 2,5/5.D2...

M 4/6.D2 - 4 mm² blocks - 6 mm .238" spacing

<table>
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<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>24-12 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>20</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>7.1 mm / .28&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 Ib.in</td>
<td></td>
</tr>
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</table>

(2) Only for M 4/6.D2...

M 6/8.D2 - 6 mm² blocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td>19-8 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>41</td>
<td>50</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>12 mm / .47</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.8-1 Nm / 7.1-8.9 Ib.in</td>
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(3) Only for M 6/8.D2...

MA 2,5/5.D2...Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>MA 2,5/5.D2</td>
<td>1SNA 115 490 R 120</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>MA 2,5/5.D2,N</td>
<td>1SNA 125 490 R 120</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>MA 2,5/5.D2,VD</td>
<td>1SNA 195 490 R 140</td>
<td>50</td>
</tr>
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</table>

M 4/6.D2...Selection

<table>
<thead>
<tr>
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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>M 4/6.D2</td>
<td>1SNA 115 271 R 220</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 4/6.D2,VD</td>
<td>1SNA 195 271 R 230</td>
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</table>

M 6/8.D2...Selection

<table>
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<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>M 6/8.D2</td>
<td>1SNA 115 501 R 120</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 6/8.D2,VD</td>
<td>1SNA 195 501 R 140</td>
<td>50</td>
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</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
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<tbody>
<tr>
<td>End stop</td>
<td>BAHM</td>
<td>9.1 mm</td>
<td>1SNA 110 836 R 100</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEM6D 1 mm</td>
<td>1SNA 118 499 R 230</td>
</tr>
<tr>
<td>grey</td>
<td>FEM9D 1 mm</td>
<td>1SNA 118 499 R 230</td>
<td>20</td>
</tr>
<tr>
<td>grey</td>
<td>FEM10D 1 mm</td>
<td>1SNA 116 656 R 230</td>
<td>20</td>
</tr>
<tr>
<td>grey</td>
<td>FEM12D 4 mm</td>
<td>1SNA 116 657 R 240</td>
<td>20</td>
</tr>
<tr>
<td>Separator end section</td>
<td>grey</td>
<td>SCF6D 1 mm</td>
<td>1SNA 118 495 R 170</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJMI6D 24 A</td>
<td>1SNA 176 736 R 220</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJMI6D 24 A</td>
<td>1SNA 176 737 R 220</td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJMI6D 24 A</td>
<td>1SNA 176 738 R 230</td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJMI6D 24 A</td>
<td>1SNA 176 739 R 240</td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJMI6D 24 A</td>
<td>1SNA 176 740 R 140</td>
<td>10</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJMI8 32 A</td>
<td>1SNA 179 665 R 220</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJMI8 32 A</td>
<td>1SNA 179 666 R 220</td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJMI8 32 A</td>
<td>1SNA 179 670 R 230</td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJMI8 32 A</td>
<td>1SNA 179 671 R 240</td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJMI8 32 A</td>
<td>1SNA 179 673 R 260</td>
<td>10</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJMI8 41 A</td>
<td>1SNA 176 669 R 140</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJMI8 41 A</td>
<td>1SNA 176 670 R 140</td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJMI8 41 A</td>
<td>1SNA 176 671 R 150</td>
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<tr>
<td>5 poles</td>
<td>BJMI8 41 A</td>
<td>1SNA 176 672 R 160</td>
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<td>10 poles</td>
<td>BJMI8 41 A</td>
<td>1SNA 176 673 R 290</td>
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<tr>
<td>Shield connector</td>
<td>CBM5D 0.5 mm</td>
<td>1SNA 173 530 R 240</td>
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</table>
Feed through terminal blocks
Triple - deck
Screw clamp \(\sim\) DIN 3

D 4/6.T3 - 4 mm² blocks - 6 mm .238" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid 0.2 - 4</td>
<td>22-12 AWG</td>
<td>22-12 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>500</td>
<td>300</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>20</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
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</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
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Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
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M 4/6.T3.P - 4 mm² block - 6 mm .238" spacing

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<th>DIN</th>
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<th>CSA</th>
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<tr>
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<td>Solid 0.2 - 4</td>
<td>22-12 AWG</td>
<td>22-12 AWG</td>
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<td></td>
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<tr>
<td>Voltage</td>
<td>V</td>
<td>500</td>
<td>300</td>
<td>300</td>
<td></td>
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<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>20</td>
<td>20</td>
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<tr>
<td>Short circuit current</td>
<td>A/s</td>
<td>480 A / 15</td>
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<tr>
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<td>mm² / AWG</td>
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<td>12 AWG</td>
<td>12 AWG</td>
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<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
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<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
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Selection

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<tr>
<th>Description</th>
<th>Type</th>
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<th>Packaging Weight kg</th>
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Accessories

<table>
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<th>End stop</th>
<th>BAMH 9.1 mm</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Assembled jumper bar (without IP20 protection)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2 poles</td>
<td>BJM62 41 A</td>
<td>1SNA 173 217</td>
<td>10</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM62 41 A</td>
<td>1SNA 173 218</td>
<td>10</td>
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<tr>
<td>4 poles</td>
<td>BJM62 41 A</td>
<td>1SNA 173 219</td>
<td>10</td>
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<td>5 poles</td>
<td>BJM62 41 A</td>
<td>1SNA 173 221</td>
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<td>10 poles</td>
<td>BJM62 41 A</td>
<td>1SNA 173 225</td>
<td>10</td>
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</table>
### Three level sensor
Terminal blocks without ground connection
Screw clamp DIN 3

#### D 2,5/6.D - 2.5 mm² blocks - 6 mm .238" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>IEC</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>IEC</td>
<td>UL</td>
<td>CSA</td>
</tr>
<tr>
<td>NFC</td>
<td>DIN</td>
<td></td>
</tr>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 2.5</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Stranded</td>
<td>0.2-2.5</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>380 Gr.c</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>22</td>
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<table>
<thead>
<tr>
<th>Rated wire size</th>
<th>mm² / AWG</th>
<th>mm² / inches</th>
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</thead>
<tbody>
<tr>
<td>2.5 mm²</td>
<td>12 AWG</td>
<td>14 AWG</td>
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</table>

<table>
<thead>
<tr>
<th>Wire stripping length</th>
<th>mm / inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 mm / .24&quot;</td>
<td></td>
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<table>
<thead>
<tr>
<th>Recommended torque</th>
<th>Nm / lb.in</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.4-0.6 Nm / 3.5-5.3 lb.in</td>
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#### Selection

**Description**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Three level block for sensor grey</td>
<td>D 2,5/6.D</td>
<td>1SNA 115 542:12:00</td>
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#### Accessories

**End stop**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>BAMH 9.1 mm</td>
<td>1SNA 114 836:100:00</td>
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**End section**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>FED3E 3 mm</td>
<td>1SNA 116 771:20:00</td>
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</table>

**Assembled jumper bar**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 024:25:00</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 025:26:00</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 026:27:00</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 027:30:00</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 032:20:00</td>
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#### D 2,5/6.DL - 2.5 mm² blocks - 6 mm .238" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>NFC</td>
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<td>IEC</td>
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<td>CSA</td>
</tr>
<tr>
<td>NFC</td>
<td>DIN</td>
<td></td>
</tr>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 2.5</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Stranded</td>
<td>0.2-2.5</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>380 Gr.c</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>22</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated wire size</th>
<th>mm² / AWG</th>
<th>mm² / inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 mm²</td>
<td>12 AWG</td>
<td>14 AWG</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Wire stripping length</th>
<th>mm / inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 mm / .24&quot;</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended torque</th>
<th>Nm / lb.in</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.4-0.6 Nm / 3.5-5.3 lb.in</td>
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#### Selection

**Description**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>Three level block with red LED indicator for sensor grey</td>
<td>D 2,5/6.DL</td>
<td>1SNA 115 537:96:00</td>
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<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAMH 9.1 mm</td>
<td>1SNA 114 836:100:00</td>
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</table>

**End section**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>FED3E 3 mm</td>
<td>1SNA 116 771:20:00</td>
<td>20</td>
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</table>

**Assembled jumper bar**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 024:25:00</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 025:26:00</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 026:27:00</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 027:30:00</td>
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<tr>
<td>10 poles</td>
<td>BJD6 22 A</td>
<td>1SNA 178 032:20:00</td>
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</table>
Three level sensor
Terminal blocks with ground connection
Screw clamp \(\perp\) DIN 3

**D 2,5/6.DPA1 - 2.5 mm² blocks - 6 mm .238" spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 2.5</td>
<td>20-12 AWG</td>
<td>22-14 AWG</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>380 Gr.c</td>
<td>300</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>22</td>
<td>26</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>300A/1s</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
<td>14 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>6 mm / .24&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.4-0.6 Nm / 3.5-5.3 lb.in</td>
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**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
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<td>grey</td>
<td>D 2,5/6.DPA1</td>
<td>1SNA 115 643</td>
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</table>

* Green/yellow marking on lower deck

**Accessories**

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<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BAMH</td>
<td>9.1 mm</td>
<td>1SNA 114 836</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FED3E</td>
<td>3 mm</td>
</tr>
<tr>
<td>(without IP20 protection)</td>
<td>2 poles</td>
<td>BJD6</td>
<td>22 A</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>BJD6</td>
<td>22 A</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJD6</td>
<td>22 A</td>
</tr>
<tr>
<td></td>
<td>5 poles</td>
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<td>22 A</td>
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<td></td>
<td>10 poles</td>
<td>BJD6</td>
<td>22 A</td>
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**D 2,5/6.DPAL1 - 2.5 mm² blocks - 6 mm .238" spacing**

**Characteristics**

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<tr>
<th>Characteristics</th>
<th>IEC</th>
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<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
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<td>20-12 AWG</td>
<td>22-14 AWG</td>
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</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>380 Gr.c</td>
<td>300</td>
<td>300</td>
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</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>22</td>
<td>26</td>
<td>20</td>
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<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>300A/1s</td>
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<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
<td>14 AWG</td>
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<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>6 mm / .24&quot;</td>
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<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.4-0.6 Nm / 3.5-5.3 lb.in</td>
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**Selection**

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<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
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<tbody>
<tr>
<td>Three level block for sensor with ground on lower level and red LED indicator</td>
<td>grey</td>
<td>D 2,5/6.DPAL1</td>
<td>1SNA 115 642</td>
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* Green/yellow marking on lower deck

**Accessories**

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<th>Description</th>
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<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop</td>
<td>BAMH</td>
<td>9.1 mm</td>
<td>1SNA 114 836</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FED3E</td>
<td>3 mm</td>
</tr>
<tr>
<td>(without IP20 protection)</td>
<td>2 poles</td>
<td>BJD6</td>
<td>22 A</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
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<td>22 A</td>
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<td>5 poles</td>
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<td>22 A</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>BJD6</td>
<td>22 A</td>
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</table>
Terminal blocks for distribution boxes
Double-deck + protection

Screw clamp  DIN 3

D 4/6... - 4 mm² blocks - 6 mm .238" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
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<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>NFC</td>
<td>DIN</td>
<td>18-12 AWG</td>
</tr>
<tr>
<td>Solid</td>
<td>0.2 - 4 mm²</td>
<td>10 x 3 mm</td>
<td></td>
</tr>
<tr>
<td>Stranded</td>
<td>0.4 - 0.8 Nm</td>
<td>3.5 - 7 lb.in</td>
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</table>

**Voltage**

<table>
<thead>
<tr>
<th>V</th>
<th>321 (1) 400 (2)</th>
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</thead>
<tbody>
<tr>
<td>Pulse</td>
<td>300</td>
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</tbody>
</table>

**Recommended torque**

| Nm / lb.in | 0.4 - 0.8 Nm | 3.5 - 7 lb.in |

**Selection**

**Description**

**Type**

**Order P/N**

**Packaging Weight kg**

**D 4/6.NLP**

1 circuit "disconnect neutral" with busbar connection, blue marking *
1 circuit "feed-through" *
1 circuit "ground" connected to the rail, green-yellow marking *

<table>
<thead>
<tr>
<th>Double deck block</th>
<th>grey</th>
<th>D 4/6.NLP</th>
<th>1SNA 110 439</th>
<th>2200</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

**D 4/6.NLP**

1 circuit "neutral", blue marking *
1 circuit "feed-through" *
1 circuit "ground" connected to the rail, green-yellow marking *

<table>
<thead>
<tr>
<th>Double deck block</th>
<th>grey</th>
<th>D 4/6.NLP</th>
<th>1SNA 110 440</th>
<th>0700</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

**D 4/6.LLP**

2 circuits "feed-through" *
1 circuit "ground" connected to the rail, green-yellow marking *

<table>
<thead>
<tr>
<th>Double deck block</th>
<th>grey</th>
<th>D 4/6.LLP</th>
<th>1SNA 110 441</th>
<th>2400</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

**D 4/6...L**

1 circuit "neutral", blue marking *(1)
1 circuit "feed-through" *(1)
2 circuits "feed-through" *(2)

<table>
<thead>
<tr>
<th>Double deck block</th>
<th>grey</th>
<th>D 4/6.LL</th>
<th>1SNA 110 442</th>
<th>2500</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**

**End stop**

<table>
<thead>
<tr>
<th>BAMH</th>
<th>9.1 mm</th>
<th>1SNA 114 836</th>
<th>0000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>

**Separate end section**

<table>
<thead>
<tr>
<th>FED6</th>
<th>1.5 mm</th>
<th>1SNA 116 964</th>
<th>1200</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

**Circuit separator**

<table>
<thead>
<tr>
<th>SCFD</th>
<th>1.5 mm</th>
<th>1SNA 114 117</th>
<th>0700</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

**Assembled jumper bar (without IP20 protection)**

<table>
<thead>
<tr>
<th>BJM62</th>
<th>32 A</th>
<th>1SNA 173 217</th>
<th>2600</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>3 poles</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td></td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>
**Double deck + protection terminal blocks for distribution boxes**

**Screw clamp DIN 3**

### D 4/6.LNTP - 4 mm² closed blocks - 17.8 mm .700" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 4 mm²</td>
<td>18-12 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>250/440V</td>
<td>300 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>4/3 / 6/4</td>
<td></td>
</tr>
<tr>
<td>Rated Current</td>
<td>A</td>
<td>30 A</td>
<td>20 A</td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>480 A/1s(1)</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>3.5 mm / .37</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7 lb.in</td>
<td>(2)</td>
</tr>
</tbody>
</table>

(1) Except for D 4/6.LNTP6
(2) For D 4/6.LNTP6 : 0.4-0.8 Nm / 3.5-7 lb.in
(3) For D 4/6.LNTP1 and D 4/6.LNTP3 : between "feed-through" and neutral circuits
(4) For D 4/6.LNTP1 and D 4/6.LNTP3 : between 2 "feed-through" circuits (side by side). For other blocks : with no condition.

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>D 4/6.LNTP1</td>
<td>3 circuits &quot;neutral&quot;</td>
<td>D 4/6.LNTP1</td>
<td>1SNA 110 264</td>
</tr>
<tr>
<td></td>
<td>3 circuits &quot;feed-through&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 circuits &quot;ground&quot; connected to the rail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Closed block blue, grey and green-yellow</td>
<td>D 4/6.LNTP1</td>
<td>1SNA 110 264</td>
<td>10</td>
</tr>
</tbody>
</table>

| D 4/6.LNTP2 | 3 circuits "neutral" | D 4/6.LNTP2 | 1SNA 110 227 | 10 |
|             | 3 circuits "feed-through" | | |
|             | 3 circuits "ground" connected to the rail | | |
| Closed block blue, grey and green-yellow | D 4/6.LNTP2 | 1SNA 110 227 | 10 |

| D 4/6.LNTP3 | 3 circuits "neutral" | D 4/6.LNTP3 | 1SNA 110 269 | 10 |
|             | 3 circuits "feed-through" | | |
|             | 3 circuits "ground" connected to the rail | | |
| Closed block grey and green-yellow | D 4/6.LNTP3 | 1SNA 110 269 | 10 |

| D 4/6.LNTP4 | 6 circuits "feed-through" | D 4/6.LNTP4 | 1SNA 110 326 | 10 |
|             | 3 circuits "ground" connected to the rail | | |
| Closed block grey and green-yellow | D 4/6.LNTP4 | 1SNA 110 326 | 10 |

| D 4/6.LNTP6 | 6 circuits "feed-through" | D 4/6.LNTP6 | 1SNA 110 331 | 10 |
|             | Closed block grey | D 4/6.LNTP6 | 1SNA 110 331 | 10 |

### Accessories

- **End stop**: BAM 9,1 mm, 1SNA 103 002, 10
- **Separator end section**: grey SCFD 1,5 mm, 1SNA 114 117, 10
- **Circuit separator**: white SCD, 1SNA 103 189, 10
- **Assembled jumper bar (without IP20)**: 2 poles BJM62 32 A, 1SNA 173 217, 10
- **Assembled jumper bar (with protection)**: 3 poles BJM62 32 A, 1SNA 173 218, 10
- **Assembled jumper bar**: 4 poles BJM62 32 A, 1SNA 173 219, 10
- **Assembled jumper bar**: 5 poles BJM62 32 A, 1SNA 173 221, 10
- **Assembled jumper bar**: 15 poles BJM62 32 A, 1SNA 173 226, 10
# Interruptible terminal blocks for neutral circuit

## Screw clamp - DIN 1 - 3

### MA 2,5/5.NT - 2.5 mm² block - 5 mm .200" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid wire</td>
<td>mm² / AWG</td>
<td>0.2 - 4</td>
<td>0.22 - 2.5</td>
<td></td>
</tr>
<tr>
<td>Screw clamp</td>
<td>Stranded wire</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Wire stripping length | mm / inches | 10 mm / .39"
| Recommended torque (screw) | Nm / lb.in | 0.4 - 0.6 Nm / 2.5 - 5.3 lb.in |

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block for neutral circuit blue</td>
<td>MA 2,5/5.NT</td>
<td>TSNA 125 487</td>
<td>50</td>
</tr>
</tbody>
</table>

### M 4/6.NT - 4 mm² block - 6 mm .236" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid wire</td>
<td>mm² / AWG</td>
<td>0.2 - 4</td>
<td>18-12 AWG</td>
<td></td>
</tr>
<tr>
<td>Screw clamp</td>
<td>Stranded wire</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Wire stripping length | mm / inches | 12 mm / .47"
| Recommended torque (screw) | Nm / lb.in | 0.5 - 0.8 Nm / 4.4 - 7.1 lb.in |

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block for neutral circuit blue</td>
<td>M 4/6.NT</td>
<td>TSNA 125 117</td>
<td>50</td>
</tr>
</tbody>
</table>

### M 6/8.NT - 6 mm² block - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid wire</td>
<td>mm² / AWG</td>
<td>0.5 - 10</td>
<td>18-18 AWG</td>
<td></td>
</tr>
<tr>
<td>Screw clamp</td>
<td>Stranded wire</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>41</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Wire stripping length | mm / inches | 12 mm / .47"
| Recommended torque (screw) | Nm / lb.in | 0.8 - 1 Nm / 7.1 - 8.9 lb.in |

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block for neutral circuit blue</td>
<td>M 6/8.NT</td>
<td>TSNA 125 119</td>
<td>50</td>
</tr>
</tbody>
</table>

### Accessories

- End stop  
  - BAM | 9.1 mm | TSNA 103 002 | 50 |
- End section blue  
  - FEM6 | 2.8 mm | TSNA 128 368 | 20 |
- Busbar  
  - BO3 | 1000x10x3 mm | TSNA 164 406 | 1 |
  - VRB3 | 168 956 | 10 |
- Screw clamp for busbar  
  - SFB1* | TSNA 163 860 | 50 |
  - SFB2** | TSNA 168 956 | 50 |

*SFB1 : 0.5 to 35 mm² 18 to 2 AWG H= 7 mmv/.28"  
**SFB2 : 16 to 35 mm² 6 to 2 AWG H= 3 mmv/.12"
Interruptible terminal blocks for neutral circuit

Screw clamp DIN 1 - 3

### M 10/10.NT- 10 mm² block - 10 mm .394" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw clamp</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid wire</td>
<td>0.5 - 16</td>
<td>18-6 AWG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid wire</td>
<td>5.5 - 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Voltage | V | 400 | 300 |
| Current | A | 57 | 75 |

| Rated wire size | mm² / AWG | 10 mm² |
| Wire stripping length | mm / inches | 12 mm / .47" |

| Recommended torque (screw) | Nm / lb.in | 1.2 - 1.4 Nm / 10.6 - 12.3 lb.in |

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block for neutral circuit blue</td>
<td>M 10/10.NT</td>
<td>1SNA 125 121 R00</td>
<td>50</td>
</tr>
</tbody>
</table>

### M 16/12.NT1- 16 mm² block - 12 mm .473" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw clamp</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid wire</td>
<td>2.5 - 25</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid wire</td>
<td>2.5 - 16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Voltage | V | 400 | |
| Current | A | 76 | |

| Rated wire size | mm² / AWG | 16 mm² |
| Wire stripping length | mm / inches | 14 mm / .51" |

| Recommended torque (screw) | Nm / lb.in | 1.2 - 1.4 Nm / 10.6 - 12.3 lb.in |

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block for neutral circuit blue</td>
<td>M 16/12.NT1</td>
<td>1SNA 125 593 R00</td>
<td>50</td>
</tr>
</tbody>
</table>

### M 35/16.NT- 35 mm² block - 16 mm .669" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw clamp</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid wire</td>
<td>10 - 50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid wire</td>
<td>10 - 35</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Voltage | V | 400 | |
| Current | A | 125 | |

| Rated wire size | mm² / AWG | 35 mm² |
| Wire stripping length | mm / inches | 17 mm / .67" |

| Recommended torque (screw) | Nm / lb.in | 2.8 - 3 Nm / 24.6 - 26.1 lb.in |

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block for neutral circuit blue</td>
<td>M 35/16.NT</td>
<td>1SNA 125 358 R03</td>
<td>20</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BAM</td>
<td>9.1 mm</td>
<td>1SNA 103 002 R26</td>
</tr>
<tr>
<td>End section blue</td>
<td>FEM6 (1)</td>
<td>2.8 mm</td>
<td>1SNA 126 385 R10</td>
</tr>
<tr>
<td>Busbar</td>
<td>BO3</td>
<td>1000x10x3 mm</td>
<td>1SNA 164 490 R24</td>
</tr>
<tr>
<td>Busbar lock blue</td>
<td>VRB3</td>
<td>1SNA 128 035 R16</td>
<td>10</td>
</tr>
<tr>
<td>Screw clamp for busbar</td>
<td>SFB1</td>
<td>1SNA 163 860 R05</td>
<td>50</td>
</tr>
<tr>
<td>Screw clamp for busbar</td>
<td>SFB2</td>
<td>1SNA 168 956 R06</td>
<td>50</td>
</tr>
</tbody>
</table>

[1] Except for M 35/16 NT (closed block)

*SFB1: 0.5 to 35 mm² 18 to 2 AWG H+ 7 mm²/28*

**SFB2: 16 to 35 mm² 6 to 2 AWG H+ 3 mm²/12**
**Distribution: phase, ground Terminal blocks**

**Screw clamp**

MB 4/6... - 4 mm² blocks - 6 mm .238" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-10 AWG</td>
<td>22-12 AWG</td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Stranded</td>
<td>0.22 - 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>20</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>300A/1s</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>10 AWG</td>
<td>10 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb-in</td>
<td>0.5-0.8 Nm / 4.5-7.1 lb-in</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>MB 4/6.L2</td>
<td>TSN1 115 406</td>
<td>25</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 4/6.L4</td>
<td>TSN1 115 408</td>
<td>5</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 4/6.L5</td>
<td>TSN1 115 409</td>
<td>5</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 4/6.L6</td>
<td>TSN1 115 410</td>
<td>1</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 4/6.L8</td>
<td>TSN1 115 411</td>
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</tr>
<tr>
<td>Standard block grey</td>
<td>MB 4/6.L10</td>
<td>TSN1 115 412</td>
<td>1</td>
</tr>
<tr>
<td>Ground block yellow body/</td>
<td>MB 4/6.P2</td>
<td>TSN1 165 420</td>
<td>25</td>
</tr>
<tr>
<td>green marking (without rail contact)</td>
<td>MB 4/6.P3</td>
<td>TSN1 165 421</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/</td>
<td>MB 4/6.P4</td>
<td>TSN1 165 422</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/green marking (without rail contact)</td>
<td>MB 4/6.P5</td>
<td>TSN1 165 423</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/green marking (without rail contact)</td>
<td>MB 4/6.P6</td>
<td>TSN1 165 424</td>
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</tr>
<tr>
<td>Ground block yellow body/green marking (without rail contact)</td>
<td>MB 4/6.P8</td>
<td>TSN1 165 425</td>
<td>1</td>
</tr>
<tr>
<td>Ground block yellow body/green marking (without rail contact)</td>
<td>MB 4/6.P10</td>
<td>TSN1 165 426</td>
<td>1</td>
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</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>End stop</th>
<th>BAM</th>
<th>9.1 mm</th>
<th>TSN1 103 002</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembled jumper bar (with IP00 protection)</td>
<td>2 poles</td>
<td>BJMJ5 32 A</td>
<td>TSN1 176 663</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>BJMJ5 32 A</td>
<td>TSN1 176 664</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJMJ5 32 A</td>
<td>TSN1 176 665</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>5 poles</td>
<td>BJMJ5 32 A</td>
<td>TSN1 176 666</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>BJMJ5 32 A</td>
<td>TSN1 176 667</td>
<td>10</td>
</tr>
<tr>
<td>Shield connector</td>
<td>CBM5</td>
<td>0.5 mm</td>
<td>TSN1 178 745</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>CBM8</td>
<td>0.8 mm</td>
<td>TSN1 178 746</td>
<td>50</td>
</tr>
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</table>
Distribution : phase, ground
Terminal blocks
Screw clamp c DIN 1-3

MB 6/8... - 6 mm² blocks - 8 mm .315” spacing

Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td>22-8 AWG</td>
<td>20-8 AWG</td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>41</td>
<td>50</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>720 kA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm²</td>
<td>8 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>12 mm / 47”</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.8-1 Nm / 7.1-8.9 lb.in</td>
<td></td>
<td></td>
<td></td>
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Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>MB 6/8.L2</td>
<td>154 115 413 R01</td>
<td>25</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 6/8.L3</td>
<td>154 115 414 R02</td>
<td>5</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 6/8.L4</td>
<td>154 115 415 R03</td>
<td>5</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 6/8.L6</td>
<td>154 115 417 R05</td>
<td>1</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 6/8.L8</td>
<td>154 115 418 R16</td>
<td>1</td>
</tr>
<tr>
<td>green marking (without rail contact)</td>
<td>MB 6/8.P3</td>
<td>154 165 428 R12</td>
<td>5</td>
</tr>
<tr>
<td>green marking (without rail contact)</td>
<td>MB 6/8.P5</td>
<td>154 165 430 R20</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body</td>
<td>MB 6/8.P6</td>
<td>154 165 431 R15</td>
<td>1</td>
</tr>
<tr>
<td>green marking (without rail contact)</td>
<td>MB 6/8.P8</td>
<td>154 165 432 R16</td>
<td>1</td>
</tr>
<tr>
<td>Ground block yellow body</td>
<td>MB 6/8.P10</td>
<td>154 165 433 R17</td>
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Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>BAM</th>
<th>9.1 mm</th>
<th>154 103 002 R26</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembled jumper bar</td>
<td>2 poles</td>
<td>BJMJ8</td>
<td>32 A</td>
<td>154 176 669 R16</td>
</tr>
<tr>
<td>(with IP20 protection)</td>
<td>3 poles</td>
<td>BJMJ8</td>
<td>32 A</td>
<td>154 176 670 R13</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJMJ8</td>
<td>32 A</td>
<td>154 176 671 R00</td>
</tr>
<tr>
<td></td>
<td>5 poles</td>
<td>BJMJ8</td>
<td>32 A</td>
<td>154 176 672 R01</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>BJMJ8</td>
<td>32 A</td>
<td>154 176 673 R02</td>
</tr>
</tbody>
</table>
## Distribution : phase, ground Terminal blocks

### Screw clamp  
DIN 1-3

**MB 10/10... - 10 mm² blocks - 10 mm .394" spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.5 - 16</td>
<td>18-6 AWG</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Stranded</td>
<td>0.5 - 10</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>63</td>
<td>65</td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>12000 / 15</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>10 mm²</td>
<td>6 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>12 mm / .47&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>1.2-1.4 Nm / 10.6-12.3 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

### Selection

**Description**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>MB 10/10.L2</td>
<td>1SNA 115 328</td>
<td>5</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 10/10.L3</td>
<td>1SNA 115 329</td>
<td>5</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 10/10.L4</td>
<td>1SNA 115 330</td>
<td>5</td>
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<tr>
<td>Standard block grey</td>
<td>MB 10/10.L5</td>
<td>1SNA 115 331</td>
<td>5</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 10/10.L6</td>
<td>1SNA 115 332</td>
<td>1</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 10/10.L8</td>
<td>1SNA 115 333</td>
<td>1</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>MB 10/10.L10</td>
<td>1SNA 115 334</td>
<td>1</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>MB 10/10.P2</td>
<td>1SNA 165 343</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>MB 10/10.P3</td>
<td>1SNA 165 344</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>MB 10/10.P4</td>
<td>1SNA 165 345</td>
<td>5</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>MB 10/10.P5</td>
<td>1SNA 165 346</td>
<td>1</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>MB 10/10.P6</td>
<td>1SNA 165 347</td>
<td>1</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>MB 10/10.P8</td>
<td>1SNA 165 348</td>
<td></td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>MB 10/10.P10</td>
<td>1SNA 165 349</td>
<td></td>
</tr>
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</table>

### Accessories

**End stop**

| BAM | 9.1 mm | 1SNA 103 002 | 50 |

**Assembled jumper bar**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles (with IP20 protection)</td>
<td>BJM10 57 A</td>
<td>1SNA 176 675</td>
<td>10</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM10 57 A</td>
<td>1SNA 176 676</td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJM10 57 A</td>
<td>1SNA 176 677</td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJM10 57 A</td>
<td>1SNA 176 678</td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJM10 57 A</td>
<td>1SNA 176 679</td>
<td>10</td>
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</tbody>
</table>
Single pole distribution blocks

BRU 125 A - 35 mm² block - 27 mm 1.063” spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC NFC DIN</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage (V)</td>
<td>600</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>125</td>
</tr>
<tr>
<td>Inputs: left input wire size (mm²/AWG)</td>
<td>10-35</td>
</tr>
<tr>
<td>Inputs: right input wire size (mm²/AWG)</td>
<td>6-16</td>
</tr>
<tr>
<td>Recommended torque (Nm / lb.in)</td>
<td>3.5</td>
</tr>
<tr>
<td>Recommended torque wrench (Allen key/4 mm)</td>
<td></td>
</tr>
<tr>
<td>Outputs: with ferrules (left input wire size, mm²/AWG)</td>
<td>4x2.5 to 16</td>
</tr>
<tr>
<td>Outputs: without ferrules (left input wire size, mm²/AWG)</td>
<td>8x2.5 to 16</td>
</tr>
<tr>
<td>Recommended torque (Nm / lb.in)</td>
<td>2 Nm</td>
</tr>
<tr>
<td>Screwdriver</td>
<td>Posidriv 22 or flat</td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey body</td>
<td>BRU 125 A</td>
<td>1SNA 356 204 P1100</td>
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Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BAM 9.1 mm</td>
<td>1SNA 103 002 P2600</td>
</tr>
<tr>
<td>Jumper bar</td>
<td>PCF.1.2 2 spades</td>
<td>1SNA 356 205 P1200</td>
</tr>
<tr>
<td></td>
<td>PCF.1.8 8 spades</td>
<td>1SNA 356 206 P1300</td>
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</table>

BRU 160 A - 70 mm² block - 35.2 mm 1.388” spacing

Characteristics

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<th>IEC NFC DIN</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
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<td>Rated voltage (V)</td>
<td>600</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>160</td>
</tr>
<tr>
<td>Inputs: maximum wire size (mm²/AWG)</td>
<td>10-70</td>
</tr>
<tr>
<td>Inputs: left input wire size (mm²/AWG)</td>
<td>6-10</td>
</tr>
<tr>
<td>Inputs: right input size (mm²/AWG)</td>
<td>6-16</td>
</tr>
<tr>
<td>Recommended torque (Nm / lb.in)</td>
<td>4</td>
</tr>
<tr>
<td>Recommended torque wrench (Allen key/5 mm)</td>
<td></td>
</tr>
<tr>
<td>Outputs: with ferrules (left input wire size, mm²/AWG)</td>
<td>8x2.5 to 16</td>
</tr>
<tr>
<td>Outputs: without ferrules (left input wire size, mm²/AWG)</td>
<td>14 AWG to 6 AWG</td>
</tr>
<tr>
<td>Recommended torque (Nm / lb.in)</td>
<td>2 Nm</td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Grey body</td>
<td>BRU 160 A</td>
<td>1SNA 356 200 P2100</td>
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Accessories

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<th>Description</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop</td>
<td>BAM 9.1 mm</td>
<td>1SNA 103 002 P2600</td>
</tr>
<tr>
<td>Busbar</td>
<td>BO 16/5 2 poles</td>
<td>1SNA 356 201 P1600</td>
</tr>
<tr>
<td></td>
<td>BO 16/5 3 poles</td>
<td>1SNA 356 202 P1700</td>
</tr>
<tr>
<td></td>
<td>BO 16/5 4 poles</td>
<td>1SNA 356 203 P1000</td>
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</table>
**Single pole distribution blocks**

**BRU 250 A - 120 mm² blocks - 44.5 mm 1.752” spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Metric</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>V</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Rated current</td>
<td>A</td>
<td>250</td>
<td>230</td>
<td></td>
</tr>
<tr>
<td>Inputs mini max. wire size</td>
<td>mm²/AWG</td>
<td>35 - 120</td>
<td>2-0000 AWG</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>19</td>
<td>170 lb.in</td>
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</table>

**Recommended torque wrench**

Allen key/6 mm

**Outputs with ferrules**

<table>
<thead>
<tr>
<th>Metric</th>
<th>mm²/AWG</th>
<th>Nm / lb.in</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2x2.5 to 25</td>
<td>2x14 AWG to 4 AWG</td>
<td>3.5 Nm</td>
<td>31 lb.in</td>
</tr>
<tr>
<td>2x2.5 to 35</td>
<td>2x14 AWG to 2 AWG</td>
<td>2 Nm</td>
<td>18 lb.in</td>
</tr>
</tbody>
</table>

**Wire size without ferrules**

<table>
<thead>
<tr>
<th>Metric</th>
<th>mm²/AWG</th>
<th>Nm / lb.in</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5x2.5 to 16</td>
<td>5x14 AWG to 6 AWG</td>
<td>2 Nm</td>
<td>18 lb.in</td>
</tr>
</tbody>
</table>

**Accessories**

**End stop**

BAM 9.1 mm

<table>
<thead>
<tr>
<th>Metric</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ISNA 103 002</td>
<td>1 0.450</td>
</tr>
</tbody>
</table>

**BRU 400 A - 185 mm² block - 44.5 mm 1.752” spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Metric</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>V</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Rated current</td>
<td>A</td>
<td>400</td>
<td>310</td>
<td></td>
</tr>
<tr>
<td>Inputs mini max. wire size</td>
<td>mm²/AWG</td>
<td>95 - 185</td>
<td>000 AWG-350 MCM</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>25</td>
<td>230 lb.in</td>
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</tr>
</tbody>
</table>

**Recommended torque wrench**

Allen key/8 mm

**Outputs with ferrules**

<table>
<thead>
<tr>
<th>Metric</th>
<th>mm²/AWG</th>
<th>Nm / lb.in</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2x2.5 to 25</td>
<td>2x14 AWG to 4 AWG</td>
<td>3.5 Nm</td>
<td>31 lb.in</td>
</tr>
<tr>
<td>2x2.5 to 35</td>
<td>2x14 AWG to 2 AWG</td>
<td>2 Nm</td>
<td>18 lb.in</td>
</tr>
</tbody>
</table>

**Wire size without ferrules**

<table>
<thead>
<tr>
<th>Metric</th>
<th>mm²/AWG</th>
<th>Nm / lb.in</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5x2.5 to 16</td>
<td>5x14 AWG to 6 AWG</td>
<td>2 Nm</td>
<td>18 lb.in</td>
</tr>
</tbody>
</table>

**Accessories**

**End stop**

BAM 9.1 mm

<table>
<thead>
<tr>
<th>Metric</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ISNA 103 002</td>
<td>1 0.450</td>
</tr>
</tbody>
</table>

---

ABB Entrelec

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Four pole distribution blocks

DIN 3

BRT 80 A - 16 mm² block - 48 mm 1.89" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>V</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Rated current</td>
<td>A</td>
<td>80</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A/S</td>
<td>26.1kA/3kA1s</td>
<td>21.6 KA</td>
<td></td>
</tr>
<tr>
<td>Outputs (with ferrules)</td>
<td>mm²/AWG</td>
<td>16 mm²</td>
<td>6 AWG</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey body</td>
<td>BRT 80 A</td>
<td>1SNA 179 534</td>
<td>22.0</td>
</tr>
</tbody>
</table>

BRT 125 A - 35 mm² block - 48 mm 1.89" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>V</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Rated current</td>
<td>A</td>
<td>125</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A/S</td>
<td>29.6 kA</td>
<td>29.6 KA</td>
<td></td>
</tr>
<tr>
<td>Inputs</td>
<td>mm²/AWG</td>
<td>35 mm²</td>
<td>4-2 AWG</td>
<td></td>
</tr>
<tr>
<td>Outputs (with ferrules)</td>
<td>mm²/AWG</td>
<td>4x16 mm²</td>
<td>4x8 AWG</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey body</td>
<td>BRT 125 A</td>
<td>1SNA 179 535</td>
<td>23.0</td>
</tr>
</tbody>
</table>

BRT 160 A - 50 mm² block - 50 mm 1.97" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>V</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Rated current</td>
<td>A</td>
<td>160</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A/S</td>
<td>125 kA</td>
<td>125 KA</td>
<td></td>
</tr>
<tr>
<td>Inputs</td>
<td>mm²/AWG</td>
<td>101.5 mm²</td>
<td>6-10 AWG</td>
<td></td>
</tr>
<tr>
<td>Outputs (with ferrules)</td>
<td>mm²/AWG</td>
<td>3x4 to 35</td>
<td>3x10 to 2 AWG</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>8x2.5 to 16</td>
<td>8x14 to 6 AWG</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey body</td>
<td>BRT 160 A</td>
<td>1SNA 179 892</td>
<td>22.0</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAM</td>
<td>9.1 mm</td>
<td>1SNA 103 002</td>
<td>26.0</td>
</tr>
</tbody>
</table>
Heavy duty switch
Terminal blocks with blade
Screw clamp DIN 1-3

MA 2,5/5.SNB - 2.5 mm² blocks - 5 mm .200" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>IEC UL CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid 0.5 - 4</td>
<td>22-12 AWG</td>
</tr>
<tr>
<td>Stranded 0.5 - 2.5</td>
<td>22-12 AWG</td>
</tr>
<tr>
<td>Voltage V</td>
<td>320</td>
</tr>
<tr>
<td>Current A</td>
<td>10</td>
</tr>
</tbody>
</table>

*Recommended torque Nm / lb.in 0.4-0.6 Nm / 3.5-5.3 lb.in*

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey/orange</td>
<td>MA 2,5/5.SNB</td>
<td>1SNA 115 699</td>
<td></td>
</tr>
<tr>
<td>Standard block grey/orange + Test Ø 2mm</td>
<td>MA 2,5/5.SNBT</td>
<td>1SNA 115 700</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAM 9.1 mm</td>
<td>103 002</td>
<td>1SNA 118 368</td>
<td></td>
</tr>
<tr>
<td>FEM6 2.8 mm</td>
<td>103 126</td>
<td>1SNA 118 707</td>
<td></td>
</tr>
</tbody>
</table>

M 4/6.SNB - 4 mm² blocks - 6 mm .238" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>IEC UL CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid 0.5 - 4</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td>Stranded 0.5 - 2.5</td>
<td>20-12 AWG</td>
</tr>
<tr>
<td>Voltage V</td>
<td>400</td>
</tr>
<tr>
<td>Current A</td>
<td>20</td>
</tr>
</tbody>
</table>

*Recommended torque Nm / lb.in 0.5-0.6 Nm / 4.4-5.3 lb.in*

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey / orange</td>
<td>M 4/6.SNB</td>
<td>1SNA 115 986</td>
<td></td>
</tr>
<tr>
<td>Standard block grey / orange + Test Ø 2mm</td>
<td>M 4/6.SNBT</td>
<td>1SNA 115 987</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAM 9.1 mm</td>
<td>103 002</td>
<td>1SNA 114 994</td>
<td></td>
</tr>
<tr>
<td>FEM62 3 mm</td>
<td>103 070</td>
<td>1SNA 118 745</td>
<td></td>
</tr>
</tbody>
</table>
### Heavy duty switch

#### Terminal blocks

**Screw clamp**  ▶  **DIN 1-3**

#### M 6/8.SNB - 6 mm² blocks - 8 mm .315° spacing - blade switching

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td>22-10 AWG</td>
<td>20-12 AWG</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>400</td>
<td>300</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>15</td>
<td>15</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm²</td>
<td>10 AWG</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>12 mm / .47&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.8-1 Nm / 7.1-8.9 lb.in</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>M 6/8.SNB</td>
<td>1SN1 115 688 R25</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Accessories

| End stop | BAM | 9.1 mm | 1SN1 103 002 R26 | 50 |

| End section | grey | FEM8 | 3 mm | 1SN1 113 373 R26 | 20 |

| Separator end section | grey | SCFM6 | 3 mm | 1SN1 114 825 R05 | 20 |

#### M 6/8.STP - 6 mm² blocks - 8 mm .315° spacing - push-turn knob switching

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td>22-8 AWG</td>
<td>8 AWG</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>500</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm²</td>
<td>8 AWG</td>
<td>8 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>11 mm / .433&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.8-1 Nm / 7.1-8.9 lb.in</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>M 6/8.STP</td>
<td>1SN1 115 277 R20</td>
<td>25</td>
</tr>
</tbody>
</table>

| End stop | BAM | 9.1 mm | 1SN1 103 002 R26 | 50 |

| End section | grey | FEM8 | 2.8 mm | 1SN1 113 137 R02 | 25 |

#### Accessories

| End section | BAM | 9.1 mm | 1SN1 103 002 R26 | 50 |

| Separator end section | grey | FEM1 | 2.8 mm | 1SN1 113 137 R02 | 25 |
## Heavy duty switch and fuse holder terminal blocks - Double-deck

### Screw clamp – DIN 1 - DIN 3

#### M 4/6.D2.SNBT - 4 mm² blocks - 6 mm .238" spacing - blade switch

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid 0.5 - 4</td>
<td>24-12 AWG</td>
<td>22-12 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded 0.5 - 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V 400 300</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A 10 15</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG 4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches 9.5 mm / .37&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in 0.5-0.8 Nm / 4.4-5.3 lb.in</td>
<td>(2) Lower deck only</td>
<td></td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>M 4/6.D2.SNBT</td>
<td>1SNA 115 561</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 4/6.D2.SNBT, V0</td>
<td>1SNA 115 564</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAMH 9.1 mm</td>
<td>1SNA 114 836</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>End section</td>
<td>FEM56D 1.5 mm</td>
<td>1SNA 116 591</td>
<td>20</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 poles</td>
<td>BJMI6D 32 A (2)</td>
<td>1SNA 179 668</td>
<td>10</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJMI6D 32 A (2)</td>
<td>1SNA 179 669</td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJMI6D 32 A (2)</td>
<td>1SNA 179 670</td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJMI6D 32 A (2)</td>
<td>1SNA 179 671</td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJMI6D 32 A (2)</td>
<td>1SNA 179 672</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shield connector</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBMD2S</td>
<td>1SNA 178 408</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

#### M 4/8.D2.SF - for fuses 5x20 mm .197x.787 in. and 5x25 mm .197x.984 in. - 4 mm² blocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid 0.5 - 6</td>
<td>24-12 AWG</td>
<td>24-12 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded 0.5 - 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V 630 (1) 300 (1) 300 (1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A 6.3 20</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG 4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches 9.5 mm / .37&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in 0.5-0.8 Nm / 4.4-5.3 lb.in</td>
<td>(2) Lower deck only</td>
<td></td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>M 4/8.D2.SF</td>
<td>1SNA 115 604</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 4/8.D2.SF, V0</td>
<td>1SNA 195 604</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAMH 9.1 mm</td>
<td>1SNA 114 836</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>End section</td>
<td>FEM62D 1.5 mm</td>
<td>1SNA 116 913</td>
<td>20</td>
</tr>
<tr>
<td>Assembled jumper bar (without IP20 protection)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 poles</td>
<td>BJM8 41 A (2)</td>
<td>1SNA 168 520</td>
<td>10</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM8 41 A (2)</td>
<td>1SNA 168 521</td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJM8 41 A (2)</td>
<td>1SNA 168 522</td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJM8 41 A (2)</td>
<td>1SNA 168 523</td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJM8 41 A (2)</td>
<td>1SNA 168 574</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shield connector</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBMD2S</td>
<td>1SNA 178 406</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>
Fuse holder terminal blocks for fuses
5x20 mm .197x.787 in. and 5x25 mm .197x.984 in.

Screw clamp ☑️ DIN 1 - DIN3

M 4/8.SF - 4 mm² blocks - 8 mm .315” spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>M 4/8.SF</td>
<td>1SNA 115 657</td>
<td>50</td>
</tr>
<tr>
<td>Block with test socket 02 mm grey</td>
<td>M 4/8.SF</td>
<td>1SNA 115 662</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>M 4/8.SF2</td>
<td>1SNA 105 135</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 4/8.SF.V0</td>
<td>1SNA 195 657</td>
<td>50</td>
</tr>
</tbody>
</table>

M 4/8.SFL - 4 mm² blocks - 8 mm .315” spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block with fusion indicator neon grey</td>
<td>M 4/8.SFL</td>
<td>1SNA 115 661</td>
<td>50</td>
</tr>
<tr>
<td>Block with fusion indicator 24V grey</td>
<td>M 4/8.SFD</td>
<td>1SNA 115 663</td>
<td>50</td>
</tr>
</tbody>
</table>

M 4/8.SN - 4 mm² blocks - 8 mm .315” spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey body/blue grip</td>
<td>M 4/8.SN</td>
<td>1SNA 115 659</td>
<td>50</td>
</tr>
<tr>
<td>Standard block beige body/blue V0 grip</td>
<td>M 4/8.SN.V0</td>
<td>1SNA 195 659</td>
<td>50</td>
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Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop grey</td>
<td>BAM</td>
<td>1SNA 103 002</td>
<td>50</td>
</tr>
<tr>
<td>End section grey</td>
<td>FEM8S 1.5 mm</td>
<td>1SNA 116 951</td>
<td>20</td>
</tr>
</tbody>
</table>

(1) Insulation voltage of terminal block - operating voltage: according to fuse.
(2) 400 V for block M 4/6.SFT
Fuse holder terminal blocks
& heavy duty switch terminal block with contact control pull lever

Screw clamp  DIN 1-3

ML 10/13.SF - for fuses 6.35x25.4 mm 1/4"x1 in. and 6.35x32 mm 1/4"x1"1/4 in. -
10 mm² blocks - 13 mm .512" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Solid 0.5 - 16</th>
<th>Stranded 0.5 - 10</th>
<th>UL 22-10 AWG</th>
<th>CSA 22-8 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage V</td>
<td>800(1) 600</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>16 25</td>
<td>25</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated wire size mm² / AWG</th>
<th>10 mm² 10 AWG</th>
<th>8 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire stripping length mm / inches</td>
<td>12 mm / .472&quot;</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended torque Nm / lb.in</th>
<th>1.2-1.4 Nm / 10.6-12.3 lb.in</th>
</tr>
</thead>
</table>

(1) Insulation voltage of terminal block - operating voltage : according to fuse.

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block black V0</td>
<td>ML 10/13.SF</td>
<td>1SNA 199 095/1300</td>
<td>20</td>
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</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop BAM 9.1 mm</td>
<td>1SNA 103 002/2600</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>End section black V0 FEM13U 1.5 mm</td>
<td>1SNA 199 635/2400</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

M 4/6.D2.2S2... - 4 mm² blocks - 6 mm .238" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Solid 0.2 - 4</th>
<th>Stranded 0.2 - 4</th>
<th>UL 24-10 AWG</th>
<th>CSA 24-10 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage V</td>
<td>500 300</td>
<td>300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>10 10</td>
<td>10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated wire size mm² / AWG</th>
<th>4 mm² 10 AWG</th>
<th>10 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .374&quot;</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended torque Nm / lb.in</th>
<th>0.5-0.8 Nm / 4.4-7.1 lb.in</th>
</tr>
</thead>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey M 4/6.D2.2S2</td>
<td>1SNA 199 444/2500</td>
<td>25</td>
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</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop BAMH 9.1 mm</td>
<td>1SNA 114 836/0000</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Shield connector CBD2S</td>
<td>1SNA 178 406/1400</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>
Terminal blocks for test circuits with sliding bridge

Screw clamp DIN 1 - 3

M 6/8.STA - 6 mm² blocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td>22-8 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>500</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(3) Only for M 6/8.STA

M 6/8.ST... - 6 mm² blocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td>18 - 8 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>500V Gr.C</td>
<td>150</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>8 mm²</td>
<td>8 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>13 mm / .51&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.8 - 1 Nm / 7.1 - 8.9 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

(2) Only for M 6/8.ST

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block with Ø4mm test socket</td>
<td>M 6/8.STA</td>
<td>1SNA 115 359 R02</td>
<td>25</td>
</tr>
<tr>
<td>Standard block beige V0</td>
<td>M 6/8.STA.V0</td>
<td>1SNA 195 359 R03</td>
<td>25</td>
</tr>
<tr>
<td>Block with sliding grey</td>
<td>M 6/8.ST</td>
<td>1SNA 115 236 R17</td>
<td>25</td>
</tr>
<tr>
<td>Block with 2 sockets Ø4 grey</td>
<td>M 6/8.ST1</td>
<td>1SNA 115 237 R10</td>
<td>25</td>
</tr>
<tr>
<td>Block with sliding and 2 sockets Ø4 grey</td>
<td>M 6/8.ST3</td>
<td>1SNA 115 239 R22</td>
<td>25</td>
</tr>
</tbody>
</table>

M 6/8.ST1.V...IP20- 6 mm² blocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.5 - 10</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>400</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm²</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>13 mm / .51&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.8 - 1 Nm / 7.1 - 8.9 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

(1) Only for M 6/8.ST1.V...IP20

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block standard grey V2</td>
<td>M 6/8.ST1.V2.IP20</td>
<td>1SNA 115 971 R10</td>
<td>25</td>
</tr>
<tr>
<td>Block standard beige V0</td>
<td>M 6/8.ST1.V0.IP20</td>
<td>1SNA 195 639 R24</td>
<td>25</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAM</td>
<td>9.1 mm</td>
<td>1SNA 103 002 R26</td>
<td>50</td>
</tr>
<tr>
<td>End section grey</td>
<td>FEMSTA</td>
<td>3 mm (3)</td>
<td>1SNA 116 979 R21</td>
</tr>
<tr>
<td>End section grey</td>
<td>FEMT4</td>
<td>3 mm (3)</td>
<td>1SNA 114 778 R05</td>
</tr>
<tr>
<td>End section grey</td>
<td>FEMT2</td>
<td>1 mm (2)</td>
<td>1SNA 113 629 R27</td>
</tr>
<tr>
<td>Sliding switch bridge 2 poles</td>
<td>PCS2 IP20 (1)</td>
<td>1SNA 199 871 R21</td>
<td>10</td>
</tr>
<tr>
<td>Sliding switch bridge 3 poles</td>
<td>PCS3 IP20 (1)</td>
<td>1SNA 199 872 R22</td>
<td>10</td>
</tr>
<tr>
<td>Sliding switch bridge 4 poles</td>
<td>PCS4 IP20 (1)</td>
<td>1SNA 199 870 R04</td>
<td>10</td>
</tr>
<tr>
<td>Jumper bar 15 poles</td>
<td>BUS8</td>
<td>(2)</td>
<td>1SNA 174 788 R04</td>
</tr>
<tr>
<td>Post + screw + washer</td>
<td>EV8S</td>
<td>(2)</td>
<td>1SNA 168 401 R03</td>
</tr>
</tbody>
</table>
Terminal blocks for metering circuits

**Screw clamp**  
**DIN 1 - DIN 3**

M 4/6.ST- 4 mm² blocks - 6 mm .236" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw clamp Solid wire</th>
<th>IEC NFC DIN</th>
<th>UL 22-12 AWG</th>
<th>CSA 22-12 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid wire</td>
<td>0.5 - 4</td>
<td>0.5 - 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stranded wire</td>
<td>0.22 a 2.5 mm² according to pin</td>
<td>24-12 AWG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage</th>
<th>V</th>
<th>500 Gr.C</th>
<th>300</th>
<th>150</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>A</td>
<td>10 (1)</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .374&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw) Nm / lb.in</td>
<td>0.5 - 0.8 Nm / 4.4 - 7.1 lb.in</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Maximum withstand current : 30 A - 1 second

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block standard tinned contact blade grey</td>
<td>M 4/6.ST.Sn</td>
<td>1SNA 115 313 R1400</td>
<td>20</td>
</tr>
</tbody>
</table>

M 10/10.ST-Sn - 10 mm² blocks - 10 mm .394" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw clamp Solid wire</th>
<th>IEC NFC DIN</th>
<th>UL 20-8 AWG</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid wire</td>
<td>0.5 - 16</td>
<td>0.5 - 10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage</th>
<th>V</th>
<th>500 Gr.C</th>
<th>300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>A</td>
<td>10 (1)</td>
<td>10</td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>10 mm²</td>
<td>8 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>12 mm / .472&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw) Nm / lb.in</td>
<td>1.2 - 1.4 Nm / 10.6 - 12.3 lb.in</td>
<td></td>
<td></td>
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</tbody>
</table>

(1) Maximum withstand current

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block standard V2 tinned contact blade grey</td>
<td>M 10/10.ST-Sn</td>
<td>1SNA 115 539 R1700</td>
<td>20</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>End stop</th>
<th>BAM</th>
<th>9.1 mm</th>
<th>1SNA 103 002 R2600</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEMT3</td>
<td>2.5 mm</td>
<td>1SNA 114 328 R2200</td>
</tr>
<tr>
<td></td>
<td>grey</td>
<td>FEMT5 (2)</td>
<td>2.5 mm</td>
<td>1SNA 116 781 R1300</td>
</tr>
<tr>
<td>Plug</td>
<td>red</td>
<td>BNT1</td>
<td>105 012 R1100</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>red</td>
<td>BNT1 V0</td>
<td>159 135 R1700</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>grey</td>
<td>BNT2</td>
<td>114 329 R2300</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>grey</td>
<td>BNT2 V0</td>
<td>194 329 R2400</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>beige</td>
<td>BNT3</td>
<td>105 011 R1000</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>green</td>
<td>BNT3 V0</td>
<td>159 136 R1000</td>
<td>20</td>
</tr>
<tr>
<td>Assembly key for plugs</td>
<td>CVABM</td>
<td>153 436 R0500</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CVABM1 (2)</td>
<td>116 783 R1500</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Crimped pins</td>
<td>24-20 AWG</td>
<td>BRC</td>
<td>174 558 R0500</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>18 AWG</td>
<td>1 mm²</td>
<td>173 906 R2200</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>16 AWG</td>
<td>1.5 mm²</td>
<td>173 907 R2300</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>14 AWG</td>
<td>2.5 mm²</td>
<td>173 908 R0400</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>12 AWG</td>
<td>4 mm²</td>
<td>174 601 R0100</td>
<td>10</td>
</tr>
<tr>
<td>Crimping tool for BRC</td>
<td>PSC</td>
<td>173 181 R1300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comb-type jumper bar</td>
<td>10 poles</td>
<td>PC61</td>
<td>163 311 R2200</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>PC10 (2)</td>
<td>70 A</td>
<td>163 315 R2600</td>
</tr>
<tr>
<td>IDC jumper</td>
<td>AD2.5</td>
<td>24 A</td>
<td>114 205 R2000</td>
<td>50</td>
</tr>
<tr>
<td>Shield connector</td>
<td>CBM5</td>
<td>0.5 mm</td>
<td>178 745 R1400</td>
<td>50</td>
</tr>
</tbody>
</table>

(2) Only for M10/10.ST-Sn
The PREMIUM solution for testing the secondary circuits of current or voltage transformers.

ESSAILEC, approved by the major electricity utilities, remains the premium choice for the energy market.

Implemented in the transformers secondary circuits, ESSAILEC thanks to its intelligent “make before break” design eases and secures any intervention. Cutting the energy supply is avoided with zero risk for the operator.

The plug and socket connection cuts cost installation as well as in-situ wiring errors. ESSAILEC is ideal for the wiring of sub-assemblies in the secondary circuits.

Testing:

The ESSAILEC socket supplies energy to the protection or counting devices. The insertion of the test plug, which is connected to the measurement equipment, allows the testing of the devices, without perturbing the circuit.

ESSAILEC blocks are well adapted to current or voltage measurement:
- Current sockets with make before break contacts and pre-wired test plug for current measures
- Voltage sockets with open contacts and pre-wired test plug for voltage measures
- Up to 4 ammeters or 4 voltmeters connected to the test plug

Distributing:

The ESSAILEC plug is continuously mounted on the socket to supply current or voltage to secondary circuits sub assemblies.

ESSAILEC blocks extreme versatility allow:
- Safe current distribution with current socket with mobile contacts since the secondary circuit is not cut when plug is removed
- Voltage or polarity distribution with dedicated voltage or polarity socket with closed contact

ESSAILEC is designed to offer:

Great flexibility:
- Connection multi contacts « plug and play »
- Panel, rail, rack fixed mounting or stand-alone connector
- Two wiring technologies, up to 10 mm²

Extreme reliability:
- Non symmetric blocks
- Coding accessories
- IP20 design
- Locking system
- Sealed cover

For technical characteristics and complete part numbers list, please ask for the ESSAILEC catalog.
## Safety connection

### Terminal blocks

### Screw clamp

#### DIN 1 - 3

**M 4/6.RS - 4 mm² blocks - 6 mm .238" spacing**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>B.S TR 50-18</th>
<th>CSA pending</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Solid wire</td>
<td>0.2 - 4</td>
<td>22-12 AWG</td>
</tr>
<tr>
<td>Lugs</td>
<td>Stranded wire</td>
<td>0.22 - 4</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>1000</td>
<td>500</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>25</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>1.65 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>13 mm / .51&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.5 - 0.8</td>
<td>4.4 - 7.1 lb.in</td>
</tr>
</tbody>
</table>

(1) Only for block M 4/6.RS

**M 6/8.RS - 6 mm² blocks - 8 mm .315" spacing**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>B.S TR 50-18</th>
<th>CSA pending</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Solid wire</td>
<td>0.5 - 10</td>
<td>20-12 AWG</td>
</tr>
<tr>
<td>Lugs</td>
<td>Stranded wire</td>
<td>0.5 - 6</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>500</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>41</td>
<td>25</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>6 mm²</td>
<td>2.5 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>13 mm / .51&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.8 - 1</td>
<td>7.1 - 8.9 lb.in</td>
</tr>
</tbody>
</table>

(2) Only for block M 6/8.RS

**M 10/10.RS - 10 mm² blocks - 10 mm .394" spacing**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>B.S TR 50-18</th>
<th>UL/CSA pending</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Solid wire</td>
<td>0.5 - 16</td>
<td>20 - 6 AWG</td>
</tr>
<tr>
<td>Lugs</td>
<td>Stranded wire</td>
<td>0.5 - 10</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>900</td>
<td>500</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>46</td>
<td>40</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>10 mm²</td>
<td>6 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>14 mm / .55&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>1.2 - 1.4</td>
<td>10.6 - 12.3 lb.in</td>
</tr>
</tbody>
</table>

(3) Only for block M 10/10.RS

### Selection

#### Description
- Block standard grey V2 spring
- Block standard blue V2 spring
- Block standard grey V2 spring
- Block standard beige V0 spring
- Block standard grey V2 spring

#### Type
- M 4/6.RS
- M 4/6.RS
- M 6/8.RS
- M 6/8.RS
- M 6/8.RS
- M 6/8.RS
- M 6/8.RS.V0
- M 6/8.RS
- M 10/10.RS

#### Order P/N
- 1SNA 115 930 (13)00
- 1SNA 125 930 (16)00
- 1SNA 115 685 (12)00
- 1SNA 195 685 (13)00
- 1SNA 115 320 (27)00

#### Packaging Weight kg
- 50
- 50
- 50
- 50
- 50
- 50
- 25

### Accessories

#### End stop
- BAM 9.1 mm
- 1SNA 103 002 (26)00

#### End section
- grey
- 1SNA 116 987 (02)00
- FEMR10 (3) 2.5 mm
- 1SNA 114 434 (05)00
- FEMR10 V0 (4) 2.8 mm
- 1SNA 196 987 (03)00

#### Assembled jumper bar (with IP20 protection)
- 2 poles
- BJI6 (1) 32 A
- 1SNA 176 663 (00)00
- 3 poles
- BJI6 (1) 32 A
- 1SNA 176 664 (01)00
- 4 poles
- BJI6 (1) 32 A
- 1SNA 176 665 (02)00
- 5 poles
- BJI6 (1) 32 A
- 1SNA 176 666 (03)00
- 10 poles
- BJI6 (1) 32 A
- 1SNA 176 667 (04)00

#### Assembled jumper bar (with IP20 protection)
- 2 poles
- BJI8 (2) 41 A
- 1SNA 176 669 (06)00
- 3 poles
- BJI8 (2) 41 A
- 1SNA 176 670 (07)00
- 4 poles
- BJI8 (2) 41 A
- 1SNA 176 671 (08)00
- 5 poles
- BJI8 (2) 41 A
- 1SNA 176 672 (09)00
- 10 poles
- BJI8 (2) 41 A
- 1SNA 176 673 (02)00

#### Jumper bar not assembled
- 2 poles
- BJI10 (3) 57 A
- 1SNA 164 588 (17)00
- 3 poles
- BJI10 (3) 57 A
- 1SNA 164 588 (18)00
- 4 poles
- BJI10 (3) 57 A
- 1SNA 164 587 (19)00
- 5 poles
- BJI10 (3) 57 A
- 1SNA 168 273 (11)00
- 10 poles
- BJI10 (3) 57 A
- 1SNA 164 588 (22)00

---

ABB Entrellec

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Miniblocks for EN 50045 (DIN 46277/2) rail
Screw clamp ~ DIN 2

DR 1,5/4 - 1.5 mm² blocks - 4 mm .157" spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>DR 1,5/4</td>
<td>1SNA 110 106</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Standard block grey V0</td>
<td>DR 1,5/4, V0</td>
<td>1SNA 399 575</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop V0</td>
<td>BADRL</td>
<td>1SNA 199 420</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>End section</td>
<td>FED2-4</td>
<td>1SNA 399 577</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Circuit separator</td>
<td>SCDR61</td>
<td>1SNA 215 580</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Assembled jumper bar</td>
<td>BMJ4</td>
<td>1SNA 205 735</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>(without IP20) protection</td>
<td>BMJ4</td>
<td>1SNA 205 737</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

DR 1,5/5... - 1.5 mm² blocks - 5 mm .200" spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard DIN 2 block grey</td>
<td>DR 1,5/5</td>
<td>1SNA 115 510</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>DIN 2 block with partition grey</td>
<td>DR 1,5/5,1</td>
<td>1SNA 112 086</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop V0</td>
<td>BADRL</td>
<td>1SNA 199 420</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>End section</td>
<td>FEDR5</td>
<td>1SNA 117 318</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Assembled jumper bar</td>
<td>BMJ5 DR</td>
<td>1SNA 176 705</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>(with IP20) protection</td>
<td>BMJ5 DR</td>
<td>1SNA 176 707</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Miniblocks for EN 50045 (DIN 46277/2) rail
Screw clamp ~ DIN 2

DR 4/6.... - 4 mm² blocks - 6 mm .236" spacing

Characteristics

<table>
<thead>
<tr>
<th></th>
<th>IEC</th>
<th>NFC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>18-12 AWG</td>
<td>18-12 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>500 Gr.C</td>
<td>250</td>
<td>300/150</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>30</td>
<td>20</td>
<td>10/25</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>3 mm / .12&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>Nm / lb.in</td>
<td>4 mm / .16&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 2 standard block grey</td>
<td>DR 4/6</td>
<td>1SNA 110 251</td>
<td>50</td>
</tr>
<tr>
<td>DIN 2 standard block blue</td>
<td>DR 4/6.N</td>
<td>1SNA 120 251</td>
<td>50</td>
</tr>
<tr>
<td>DIN 2 block with partition grey</td>
<td>DR 4/6.1</td>
<td>1SNA 110 491</td>
<td>50</td>
</tr>
<tr>
<td>DIN 2 block with partition blue</td>
<td>DR 4/6.1.N</td>
<td>1SNA 120 491</td>
<td>50</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop V0</td>
<td>BADRL</td>
<td>1SNA 199 420</td>
<td>50</td>
</tr>
<tr>
<td>End section</td>
<td>FEDR61</td>
<td>1SNA 117 600</td>
<td>25</td>
</tr>
<tr>
<td>Circuit separator white</td>
<td>SCDR61</td>
<td>1SNA 127 600</td>
<td>10</td>
</tr>
</tbody>
</table>

DR 4/6.P - 4 mm² ground block - 6 mm .236" spacing

Characteristics

<table>
<thead>
<tr>
<th></th>
<th>IEC</th>
<th>NFC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>18-12 AWG</td>
<td>18-12 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>3 mm / .12&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>Nm / lb.in</td>
<td>4 mm / .16&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground DIN 2 block green/yellow</td>
<td>DR 4/6.P</td>
<td>1SNA 160 496</td>
<td>50</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop V0</td>
<td>BADRL</td>
<td>1SNA 199 420</td>
<td>50</td>
</tr>
<tr>
<td>End section</td>
<td>FEDR63</td>
<td>1SNA 103 975</td>
<td>25</td>
</tr>
<tr>
<td>Circuit separator white</td>
<td>SCDR61</td>
<td>1SNA 120 491</td>
<td>10</td>
</tr>
</tbody>
</table>
**Angled terminal blocks**

**Feed through and ground**

**Spring clamp**

**DIN 3**

### D 2,5/5.I.3L - 2.5 mm² blocks - 5 mm .198" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Wire stripping length mm / inches</th>
<th>Rated wire size mm² / AWG</th>
<th>Rated voltage V</th>
<th>Current A</th>
<th>Short circuit current (D 2,5/5.I.PI.3L) A / s</th>
<th>Short circuit current (D 2,5/5.I.P.3L) A / s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td></td>
<td>2.5 mm² / 12 AWG</td>
<td>800</td>
<td>24</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Solid</td>
<td></td>
<td>2.5 mm² / 12 AWG</td>
<td>600</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Selection

**End stop**

- BADL 9 mm 50 mm
  - 1SNA 399 903 R 02
  - 50 kg

**End section**

- grey 50 mm 2.5 mm² / 12 AWG
  - FEDL5.I.3L 2.5 mm² / 12 AWG
  - 1SNA 290 311 R 06
  - 50 kg

**Shielding connector**

- CBDS5.2L 0.5 mm (1) 12 AWG
  - 1SNA 291 077 R 24
  - 50 kg

**Accessories**

- Shielding connector CBDS5.2L 0.5 mm (2) 12 AWG
  - 1SNA 291 077 R 24
  - 50 kg

### D 2,5/5.I.4L - 2.5 mm² blocks - 5 mm .198" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Wire stripping length mm / inches</th>
<th>Rated wire size mm² / AWG</th>
<th>Rated voltage V</th>
<th>Current A</th>
<th>Short circuit current (D 2,5/5.I.PI.4L) A / s</th>
<th>Short circuit current (D 2,5/5.I.P.4L) A / s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td></td>
<td>2.5 mm² / 12 AWG</td>
<td>800</td>
<td>24</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Solid</td>
<td></td>
<td>2.5 mm² / 12 AWG</td>
<td>600</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Selection

**End stop**

- BADL 9 mm 50 mm
  - 1SNA 399 903 R 02
  - 50 kg

**End section**

- grey 50 mm 2.5 mm² / 12 AWG
  - FEDL5.I.3L 2.5 mm² / 12 AWG
  - 1SNA 290 311 R 06
  - 50 kg

**Shielding connector**

- CBDS5.2L 0.5 mm (2) 12 AWG
  - 1SNA 291 077 R 24
  - 50 kg
**Feed through and ground terminal blocks**

**Spring clamp**  ▼  **DIN 3**

### D 1,5/4.2L - 1.5 mm² blocks - 4 mm .158" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Feature</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size Solid</td>
<td>0.12 - 2.5</td>
<td>26-16 AWG</td>
<td>26-16 AWG</td>
</tr>
<tr>
<td>Wire size Stranded isolate</td>
<td>0.12 - 1.5</td>
<td>0.5 - 1</td>
<td></td>
</tr>
<tr>
<td>Voltage V</td>
<td>800</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Current A</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short circuit current D 1,5/4.PI.2L A / s</td>
<td>180 A/1s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short circuit current D 1,5/4.P.2L A / s</td>
<td>180A/1s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
<td>16 AWG</td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Except for D 1,5/4.PI.2L and D 1,5/4.P.2L

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 1,5/4.2L</td>
<td>1SNA 290 371</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 1,5/4.N.2L</td>
<td>1SNA 290 372</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 1,5/4.2L</td>
<td>1SNA 290 373</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow/green</td>
<td>D 1,5/4.PI.2L*</td>
<td>1SNA 290 380</td>
<td>50</td>
</tr>
<tr>
<td>Ground block green/yellow</td>
<td>D 1,5/4.P.2L**</td>
<td>1SNA 290 379</td>
<td>50</td>
</tr>
</tbody>
</table>

* Without rail contact - ** With rail contact

#### Accessories

- **End stop**BADL 9 mm 1SNA 399 903 (1) 50
- **End section**grey | FED5.2L 2.5 mm 1SNA 291 061 (2) 20
- **Separator**orange | FED5.2L 2.5 mm 1SNA 291 062 (2) 20
- **Jumper bar**grey | SCD5.2L 2.5 mm 1SNA 291 352 (2) 20
- **Shielding connector**CBDS 0.5 mm (1) 1SNA 291 702 (2) 50

### D 1,5/4.4L - 1.5 mm² blocks - 4 mm .158" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Feature</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size Solid</td>
<td>0.12 - 2.5</td>
<td>26-16 AWG</td>
<td>26-16 AWG</td>
</tr>
<tr>
<td>Wire size Stranded isolate</td>
<td>0.12 - 1.5</td>
<td>0.5 - 1</td>
<td></td>
</tr>
<tr>
<td>Voltage V</td>
<td>800</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Current A</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short circuit current D 2,5/5.I.PI.4L A / s</td>
<td>180 A/1s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short circuit current D 2,5/5.I.P.4L A / s</td>
<td>180A/1s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
<td>16 AWG</td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Except for D 2,5/5.I.PI.4L and D 2,5/5.I.P.4L

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 1,5/4.4L</td>
<td>1SNA 290 381 (1) 50</td>
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</tr>
<tr>
<td>Standard block blue</td>
<td>D 1,5/4.N.4L</td>
<td>1SNA 290 382 (1) 50</td>
<td></td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 1,5/4.4L</td>
<td>1SNA 290 383 (1) 50</td>
<td></td>
</tr>
<tr>
<td>Ground block yellow/green</td>
<td>D 1,5/4.PI.4L*</td>
<td>1SNA 290 390 (1) 50</td>
<td></td>
</tr>
<tr>
<td>Ground block green/yellow</td>
<td>D 1,5/4.P.4L**</td>
<td>1SNA 290 389 (1) 50</td>
<td></td>
</tr>
</tbody>
</table>

* Without rail contact - ** With rail contact

#### Accessories

- **End stop**BADL 9 mm 1SNA 399 903 (1) 50
- **End section**grey | FED5.4L 2.5 mm 1SNA 291 041 (2) 20
- **Separator**orange | FED5.4L 2.5 mm 1SNA 291 042 (2) 20
- **Jumper bar**grey | SCD5.4L 2.5 mm 1SNA 291 372 (2) 20
- **Jumper bar**orange | SCD5.4L 2.5 mm 1SNA 291 371 (2) 20

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Feed through and protection terminal blocks

Spring clamp ± DIN 3

D 2,5/5...L - 2.5 mm² blocks - 5 mm .198" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC/UL/DIN</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid 0.12-4 / 26-12 AWG</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>Stranded 0.12 - 2.5</td>
<td>600</td>
</tr>
<tr>
<td>isolated ferrules</td>
<td>0.5 - 2.5</td>
<td>600</td>
</tr>
<tr>
<td>Voltage V</td>
<td>800</td>
<td>600</td>
</tr>
<tr>
<td>Current A</td>
<td>24</td>
<td>15</td>
</tr>
<tr>
<td>Short circuit current (D 2,5/5.PI...L) A / s</td>
<td>300 A/1s</td>
<td>600</td>
</tr>
<tr>
<td>Short circuit current (D 2,5/5.P...L) A / s</td>
<td>300 A/1s</td>
<td>600</td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**D 2,5/5.2L Selection**

- Standard block grey
- D 2,5/5.2L
- Order P/N 1SNA 290 021
- Weight 27
- Packaging 50

**D 2,5/5.3L Selection**

- Standard block blue
- D 2,5/5.3L
- Order P/N 1SNA 290 023
- Weight 21
- Packaging 50

**D 2,5/5.4L Selection**

- Standard block orange
- D 2,5/5.4L
- Order P/N 1SNA 290 025
- Weight 24
- Packaging 50

**Accessories**

- End stop BADL 9 mm
- Order P/N 1SNA 399 903
- Weight 102
- Packaging 50

- End section grey
- FED5.2L 2.5 mm (1)
- Order P/N 1SNA 291 061
- Weight 24
- Packaging 20

- Jumper bar 2 poles
- BJDL5.2 24 A
- Order P/N 1SNA 291 103
- Weight 24
- Packaging 20

- Grounding connector CBDS2L 0.5 mm (1)
- Order P/N 1SNA 291 077
- Weight 24
- Packaging 50

*(1) Only for D 2,5/5...2L
(2) Only for D 2,5/5...3L
(3) Only for D 2,5/5...4L

---

* Without rail contact - ** With rail contact
Feed through terminal blocks
Spring clamp  
DIN 3

D 4/6...L - 4 mm² blocks - 6 mm .238" spacing

### Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>0.2 - 6</td>
<td>24-10 AWG</td>
<td>24-10 AWG</td>
</tr>
<tr>
<td>Stranded</td>
<td>0.2 - 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>0.5 - 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>25</td>
</tr>
<tr>
<td>Short circuit current (D 4/6.P...L)</td>
<td>A / s</td>
<td>480 A / 1 s</td>
<td></td>
</tr>
<tr>
<td>Short circuit current (D 4/6.PI...L)</td>
<td>A / s</td>
<td>480 A / 1 s</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>10 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>11 mm / .43&quot;</td>
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### D 4/6.2L Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/6.2L</td>
<td>1SNA 290 061 07 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 4/6.N.2L</td>
<td>1SNA 290 063 01 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/6.2L</td>
<td>1SNA 290 062 00 00</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow/green</td>
<td>D 4/6.PI.2L*</td>
<td>1SNA 290 070 14 00</td>
<td>50</td>
</tr>
<tr>
<td>Ground block green/yellow</td>
<td>D 4/6.PI.2L**</td>
<td>1SNA 290 069 17 00</td>
<td>50</td>
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### D 4/6.3L Selection

<table>
<thead>
<tr>
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<th>Order P/N</th>
<th>Packaging Weight</th>
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</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/6.3L</td>
<td>1SNA 290 405 06 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 4/6.N.3L</td>
<td>1SNA 290 407 00 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/6.3L</td>
<td>1SNA 290 406 00 00</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow/green</td>
<td>D 4/6.PI.3L*</td>
<td>1SNA 290 408 14 00</td>
<td>50</td>
</tr>
<tr>
<td>Ground block green/yellow</td>
<td>D 4/6.PI.3L**</td>
<td>1SNA 290 409 12 00</td>
<td>50</td>
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### D 4/6.4L Selection

<table>
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<th>Description</th>
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<th>Order P/N</th>
<th>Packaging Weight</th>
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</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/6.4L</td>
<td>1SNA 290 410 06 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 4/6.N.4L</td>
<td>1SNA 290 412 24 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/6.4L</td>
<td>1SNA 290 411 22 00</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow/green</td>
<td>D 4/6.PI.4L*</td>
<td>1SNA 290 413 25 00</td>
<td>50</td>
</tr>
<tr>
<td>Ground block green/yellow</td>
<td>D 4/6.PI.4L**</td>
<td>1SNA 290 414 20 00</td>
<td>50</td>
</tr>
</tbody>
</table>

* Without rail contact - ** With rail contact

### Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADL</td>
<td>9 mm</td>
<td>1SNA 399 903 02 00</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- **End stop**
  - BADL
  - FED5.2L
  - SCD5.2L
  - BJDL6...

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Feed through and ground terminal blocks

Spring clamp  DIN 3

### D 6/8.2L - 6 mm² blocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm²</td>
<td>AWG</td>
<td>0.5 - 10</td>
<td>22-8 AWG</td>
<td>22-8 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>41</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Short circuit current (D6/8.PI.2L)</td>
<td>A / s</td>
<td>720</td>
<td>A / s</td>
<td>720</td>
<td>A / s</td>
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<tr>
<td>Rated wire size</td>
<td>mm²</td>
<td>AWG</td>
<td>6 mm²</td>
<td>8 AWG</td>
<td>8 AWG</td>
</tr>
</tbody>
</table>

### D 6/8.P.2L

- **Selection**
  - **End stop**
    - BADL 9 mm
    - FED8.2L 2.5 mm
    - BJD8.3 41 A (1)
  - **End section**
    - FED8.2L 2.5 mm
    - BJD8.4 41 A (1)
  - **Assembled jumper bar**
    - 2 poles
      - BJD8.5 41 A (1)
    - 3 poles
      - BJD8.5 41 A (1)
    - 4 poles
      - BJD8.5 41 A (1)
    - 5 poles
      - BJD8.5 41 A (1)

### D 10/10.2L - 10 mm² blocks - 10 mm .394" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm²</td>
<td>AWG</td>
<td>0.5 - 10</td>
<td>20-6 AWG</td>
<td>20-6 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>1000</td>
<td>600</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>57</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Short circuit current (D10/10.PI.2L)</td>
<td>A / s</td>
<td>1200</td>
<td>A / s</td>
<td>1200</td>
<td>A / s</td>
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<tr>
<td>Rated wire size</td>
<td>mm²</td>
<td>AWG</td>
<td>10 mm²</td>
<td>6 AWG</td>
<td>6 AWG</td>
</tr>
</tbody>
</table>

### D 6/8.P.2L

- **Selection**
  - **End stop**
    - BADL 9 mm
    - FED10.2L 2.5 mm
    - BJD10.3 57 A (2)
  - **End section**
    - FED10.2L 2.5 mm
    - BJD10.4 57 A (2)
  - **Assembled jumper bar**
    - 2 poles
      - BJD10.5 57 A (2)
    - 3 poles
      - BJD10.5 57 A (2)
    - 4 poles
      - BJD10.5 57 A (2)
    - 5 poles
      - BJD10.5 57 A (2)

### Accessories

- **End stop**
  - BADL 9 mm
  - FED8.2L 2.5 mm
  - FED10.2L 2.5 mm
- **End section**
  - FED10.2L 2.5 mm
  - BJD10.3 57 A (2)
  - BJD10.4 57 A (2)
- **Assembled jumper bar**
  - 2 poles
    - BJD10.5 57 A (2)
  - 3 poles
    - BJD10.5 57 A (2)
  - 4 poles
    - BJD10.5 57 A (2)
  - 5 poles
    - BJD10.5 57 A (2)
Feed through and ground terminal blocks
Spring clamp  
DIN 3

### D 16/12.2L - 16 mm² blocks - 12 mm .473" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Description</th>
<th>IEC</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D</td>
<td>16/12.2L</td>
<td>1SN9 399 581</td>
<td>27.00</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D</td>
<td>16/12.N.2L</td>
<td>1SN9 399 582</td>
<td>20.00</td>
</tr>
<tr>
<td>Ground block yellow.green</td>
<td>D</td>
<td>16/12.PI.2L*</td>
<td>1SN9 399 583</td>
<td>21.00</td>
</tr>
<tr>
<td>Ground block green/yellow</td>
<td>D</td>
<td>16/12.P.2L**</td>
<td>1SN9 399 584</td>
<td>22.00</td>
</tr>
</tbody>
</table>

*(1) Except for D 16/12.PI.2L and D 16/12.P.2L

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
</table>
| End stop    | BADL | 9 mm        | 1SN9 399 903    | 02.00            | 50

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
</table>
| End section     | grey       | FED12.2L 2.5 mm | 1SN9 399 571    | 04.00            | 10
|                 | blue       | FED12.2L 2.5 mm | 1SN9 399 572    | 05.00            | 10
|                 | green      | FED12.2L 2.5 mm | 1SN9 399 574    | 07.00            | 10
| Assembled jumper bar 2 poles | BJOL12.2 | 76 A (1) | 1SN9 399 563 | 04.00            | 25

**D 35/16.2L - 35 mm² blocks - 16 mm .630" spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Description</th>
<th>IEC</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D</td>
<td>35/16.2L</td>
<td>1SN9 399 617</td>
<td>02.00</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D</td>
<td>35/16.N.2L</td>
<td>1SN9 399 618</td>
<td>14.00</td>
</tr>
<tr>
<td>Ground block yellow.green</td>
<td>D</td>
<td>35/16.PI.2L*</td>
<td>1SN9 399 619</td>
<td>14.00</td>
</tr>
<tr>
<td>Ground block green/yellow</td>
<td>D</td>
<td>35/16.P.2L**</td>
<td>1SN9 399 620</td>
<td>14.00</td>
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</tbody>
</table>

*(2) Except for D 35/16.PI.2L and D 35/16.P.2L

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
</table>
| End stop    | BADL       | 9 mm        | 1SN9 399 903    | 02.00            | 50
| Assembled jumper bar 2 poles (with IP20 protection) | BJOL16.2 | 115 A (2) | 1SN9 399 621 | 06.00            | 25

## Gross Automation

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Feed through terminal blocks - Double deck & terminal blocks for sensors/actuators

Spring clamp  

D 2,5/5.D2.L - 2.5 mm² blocks - 5 mm .198" spacing

Characteristics

<table>
<thead>
<tr>
<th></th>
<th>IEC NFC DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size Solid mm² / AWG</td>
<td>0.14 - 2.5</td>
<td>0.12 - 4</td>
<td>0.12 - 2.5</td>
</tr>
<tr>
<td>Stranded mm² / AWG isolated females</td>
<td>0.14 - 2.5</td>
<td>0.12 - 2.5</td>
<td>0.12 - 2.5</td>
</tr>
<tr>
<td>Voltage V</td>
<td>500</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>Current A</td>
<td>20</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/5.D2.L</td>
<td>1SNA 290 161</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 2,5/5.D2.N.L</td>
<td>1SNA 290 163</td>
<td>50</td>
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Accessories

<table>
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<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop</td>
<td>BADL 9 mm</td>
<td>1SNA 399 903</td>
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<tr>
<td>End section grey</td>
<td>D 2,5/5.C3.L</td>
<td>1SNA 291 102</td>
<td>20</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection) 2 poles</td>
<td>BJDL5.2 24 A</td>
<td>1SNA 291 102</td>
<td>50</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJDL5.3 24 A</td>
<td>1SNA 291 103</td>
<td>50</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJDL5.4 24 A</td>
<td>1SNA 291 104</td>
<td>50</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJDL5.5 24 A</td>
<td>1SNA 291 105</td>
<td>20</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJDL5.10 24 A</td>
<td>1SNA 291 110</td>
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D 2,5/5 C....L - 1.5 mm² blocks - 5 mm .198" spacing

Characteristics

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<th>IEC NFC DIN</th>
<th>UL</th>
<th>CSA</th>
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<tr>
<td>Wire size Solid mm² / AWG</td>
<td>0.14 - 2.5</td>
<td>0.12 - 2.5</td>
<td>0.12 - 2.5</td>
</tr>
<tr>
<td>Stranded mm² / AWG isolated females</td>
<td>0.14 - 2.5</td>
<td>0.12 - 2.5</td>
<td>0.12 - 2.5</td>
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<tr>
<td>Voltage V</td>
<td>300</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>Current A</td>
<td>17.5</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
<td>16 AWG</td>
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<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .37&quot;</td>
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Selection

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<thead>
<tr>
<th>Description</th>
<th>Type</th>
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<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/5.C3L</td>
<td>1SNA 290 350</td>
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<tr>
<td>Standard block grey</td>
<td>D 2,5/5.C4L</td>
<td>1SNA 290 354</td>
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Accessories

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<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop</td>
<td>BADL 9 mm</td>
<td>1SNA 399 903</td>
<td>50</td>
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<tr>
<td>End sections grey</td>
<td>D 2,5/5.C3.L</td>
<td>1SNA 290 358</td>
<td>20</td>
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<tr>
<td>End sections grey</td>
<td>D 2,5/5.C4.L</td>
<td>1SNA 290 360</td>
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<tr>
<td>Assembled jumper bar (with IP20 protection) 2 poles</td>
<td>BJDL5.2 24 A</td>
<td>1SNA 291 102</td>
<td>50</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJDL5.3 24 A</td>
<td>1SNA 291 103</td>
<td>50</td>
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<tr>
<td>4 poles</td>
<td>BJDL5.4 24 A</td>
<td>1SNA 291 104</td>
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<td>5 poles</td>
<td>BJDL5.5 24 A</td>
<td>1SNA 291 105</td>
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<td>10 poles</td>
<td>BJDL5.10 24 A</td>
<td>1SNA 291 110</td>
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Terminal blocks for distribution boxes
Spring clamp - Spring clamp

D 2,5/5...L - 2,5 mm² closed blocks - 5 mm .198” spacing

Characteristics

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<tr>
<th>Wire size</th>
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<th>NF PC</th>
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<th>CSA</th>
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<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.14 - 4 mm</td>
<td>3/16 - 3/8&quot;</td>
<td>26-12 AWG</td>
<td>26-12 AWG</td>
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<tr>
<td></td>
<td>Stranded</td>
<td>0.14 - 2.5 mm</td>
<td>3/16 - 3/8&quot;</td>
<td>26-12 AWG</td>
<td>26-12 AWG</td>
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<tr>
<td>Isolating cover</td>
<td>3.5 - 2.5 mm</td>
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<tr>
<td>Ground bar (1)</td>
<td>10 x 3 mm</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>400V / 250V</td>
<td>300 V</td>
<td>300 V</td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>6 kV / 4 kV</td>
<td>6 kV / 6 kV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Current</td>
<td>A</td>
<td>20A (1), 24A</td>
<td>20 A</td>
<td>20 A</td>
<td></td>
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<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>7.5 mm² / 14 mm</td>
<td>12 AWG</td>
<td>12 AWG</td>
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<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
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Selection

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<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>D 2,5/5.NTLPL.L</td>
<td>1 circuit “disconnect neutral” with busbar connection, blue marking 1 circuit “feed-through” 1 circuit “ground” connected to the rail, yellow/green marking</td>
<td>D 2,5/5.NTLPL.L</td>
<td>1SNA 290 322-0100</td>
</tr>
<tr>
<td>Spring block</td>
<td>grey V0</td>
<td>D 2,5/5.NTLPL.L</td>
<td>1SNA 290 322-0100</td>
</tr>
<tr>
<td>D 2,5/5.NLP.L</td>
<td>1 circuit “neutral”, blue marking 1 circuit “feed-through” 1 circuit “ground” connected to the rail, yellow/green marking</td>
<td>D 2,5/5.NLP.L</td>
<td>1SNA 290 324-0050</td>
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<tr>
<td>Spring block</td>
<td>grey V0</td>
<td>D 2,5/5.NLP.L</td>
<td>1SNA 290 324-0050</td>
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<tr>
<td>D 2,5/5.LLP.L</td>
<td>2 circuits “feed-through” 1 circuit “ground” connected to the rail, yellow/green marking</td>
<td>D 2,5/5.LLP.L</td>
<td>1SNA 290 328-1500</td>
</tr>
<tr>
<td>Spring block</td>
<td>grey V0</td>
<td>D 2,5/5.LLP.L</td>
<td>1SNA 290 328-1500</td>
</tr>
<tr>
<td>D 2,5/5.NLL.L</td>
<td>1 circuit “neutral”, blue marking 1 circuit “feed-through”</td>
<td>D 2,5/5.NLL.L</td>
<td>1SNA 290 328-1700</td>
</tr>
<tr>
<td>Spring block</td>
<td>grey V0</td>
<td>D 2,5/5.NLL.L</td>
<td>1SNA 290 328-1700</td>
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<tr>
<td>D 2,5/5.LLL.L</td>
<td>2 circuits “feed-through”</td>
<td>D 2,5/5.LLL.L</td>
<td>1SNA 290 328-1700</td>
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<tr>
<td>Spring block</td>
<td>grey V0</td>
<td>D 2,5/5.LLL.L</td>
<td>1SNA 290 328-1700</td>
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</tbody>
</table>

Accessories

| End stop | V0 | B 255L 9 mm | 1SNA 399 903-0200 | 50 |
| End section (1) | grey V0 | B 255.L 2.5 mm | 1SNA 291 559-0400 | 20 |
| End section (3) | grey V0 | B 255.L 2.5 mm | 1SNA 291 560-0400 | 20 |
| Jumper bar | orange | BJDL 10 poles | 1SNA 290 100-2000 | 50 |
| IP20 - 24 A | BJDL 10 poles | 1SNA 290 100-2000 | 50 |
Terminal blocks
Spring clamp
Switch for neutral conductor  
DIN 3

D 2,5/5.NT.L - 2.5 mm² blocks - 5 mm .197" spacing

Characteristics

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<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>Wire size (Screw clamp)</td>
<td>Solid</td>
<td>0.12 - 4 mm²</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>With isolated ferrule</td>
<td>Stranded</td>
<td>0.12 - 15 mm²</td>
<td></td>
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<tr>
<td>Busbar</td>
<td></td>
<td>10 x 3 mm - .394&quot; x .12&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>400 V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>6 kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>24 A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm² / A²</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .374&quot;</td>
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Selection

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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
<th>Weight kg</th>
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<tbody>
<tr>
<td>Terminal block, 1 spring</td>
<td>blue</td>
<td>D 2,5/5.NT.L</td>
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Accessories

| End stop | V0 | BADL | 9 mm | 1SN4 399 903 | 02-00 | 50 |
| End section | grey V0 | FEDEL2L | 2.5 mm | 1SN4 291 061 | 24-00 | 20 |
| Separator | orange V0 | SCED2L | 2.5 mm | 1SN4 291 352 | 04-00 | 20 |
| Jumper bar | orange V0 | BJDL5.2 | 2 poles | 1SN4 291 102 | 23-00 | 50 |
| | | BJDL5.3 | 3 poles | 1SN4 291 103 | 24-00 | 50 |
| | | BJDL5.4 | 4 poles | 1SN4 291 104 | 25-00 | 50 |
| | | BJDL5.5 | 5 poles | 1SN4 291 105 | 26-00 | 50 |
| | | BJDL5.10 | 10 poles | 1SN4 291 110 | 26-00 | 50 |

D 4/6.NT.L - 4 mm² blocks - 6 mm .236" spacing

Characteristics

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<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>Wire size (Screw clamp)</td>
<td>Solid</td>
<td>0.2 - 6 mm²</td>
<td></td>
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<tr>
<td>With isolated ferrule</td>
<td>Stranded</td>
<td>0.22 - 4 mm²</td>
<td></td>
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<tr>
<td>Voltage</td>
<td>V</td>
<td>400 V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>6 kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32 A</td>
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<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm² / A²</td>
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</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>1 mm / .43&quot;</td>
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Selection

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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
<th>Weight kg</th>
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<tbody>
<tr>
<td>Terminal block, 1 spring</td>
<td>blue</td>
<td>D 4/6.NT.L</td>
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Accessories

| End stop | V0 | BADL | 9 mm | 1SN4 399 903 | 02-00 | 50 |
| End section | grey V0 | FEDELNL | 2.5 mm | 1SN4 399 589 | 06-00 | 20 |
| Separator | orange | VRPA1 | | 1SN4 399 587 | 25-00 | 20 |
| Jumper bar | orange V0 | BJDL6.2 | 2 poles | 1SN4 291 128 | 24-00 | 50 |
| | | BJDL6.3 | 3 poles | 1SN4 291 129 | 25-00 | 50 |
| | | BJDL6.4 | 4 poles | 1SN4 291 194 | 17-00 | 50 |
| | | BJDL6.5 | 5 poles | 1SN4 291 195 | 10-00 | 50 |
## Terminal blocks

### Spring clamp

**Switch for neutral conductor**

#### DIN 3

---

## D 6/8.NT.L - 6 mm² blocks - 8 mm .315" spacing

### Characteristics

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<thead>
<tr>
<th>Wire size (Screw clamp) mm² / AWG</th>
<th>IEC DIN</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>Solid 5.5 - 10 mm²</td>
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<tr>
<td>Stranded 6.5 - 6 mm²</td>
<td></td>
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<tr>
<td>Busbar 10 x 3 mm - .394 x .13&quot;</td>
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### Selection

**Description**

<table>
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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>Terminal block, 1 spring Switch for neutral conductor blue</td>
<td>D 6/8.NT.L</td>
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</tbody>
</table>

### Accessories

- **End stop**
  - V0
  - BADL 9 mm | 15NA 399 903 : 02 : 00 |

---

## D 10/10.NT.L - 10 mm² blocks - 10 mm .394" spacing

### Characteristics

<table>
<thead>
<tr>
<th>Wire size (Screw clamp) mm² / AWG</th>
<th>IEC DIN</th>
<th>UL</th>
<th>CSA</th>
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<tbody>
<tr>
<td>Solid 7.5 - 10 mm²</td>
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<tr>
<td>Stranded 8.5 - 10 mm²</td>
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</tr>
<tr>
<td>With isolated ferrule</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage V 400 V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pulse kV 6 kV</td>
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<td></td>
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<tr>
<td>Current A 57 A</td>
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<tr>
<td>Rated wire size mm² / AWG 10.5 mm² / 14 A</td>
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<tr>
<td>Wire stripping length mm / inches 12.5 mm / .49&quot;</td>
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### Selection

**Description**

<table>
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<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Terminal block, 1 spring Switch for neutral conductor blue</td>
<td>D 10/10.NT.L</td>
<td>25</td>
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</tbody>
</table>

### Accessories

- **End stop**
  - V0
  - BADL 9 mm | 15NA 399 903 : 02 : 00 |

---

ABB Entrelec

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Heavy duty switch
Terminal blocks with blade
Spring clamp √ DIN 3

D 2,5/5.SNBT.2L - 2.5 mm² blocks - 5 mm .200" spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
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<tr>
<td>mm² / AWG</td>
<td>Solid 0.12 - 4</td>
<td>26-12 AWG</td>
<td>26-12 AWG</td>
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<tr>
<td>Stranded 0.12 - 2.5</td>
<td>26-12 AWG</td>
<td></td>
<td></td>
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<tr>
<td>Isolated ferrules 0.5 - 2.5</td>
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Voltage V
Current A
10 8 8

Rated wire size mm² / AWG
2.5 mm² 12 AWG 12 AWG
0.12 - 4 26-12 AWG 26-12 AWG
0.5 - 2.5 |

Wire stripping length mm / inches
9.5 mm / .37"

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey/orange</td>
<td>D 2,5/5.SNBT.2L</td>
<td>1SNA 290 041 R 03 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 2,5/5.SNBT.2L</td>
<td>1SNA 290 042 R 04 00</td>
<td>50</td>
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</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop grey orange</td>
<td>BADL 9.0 mm</td>
<td>1SNA 399 903 R 02 00</td>
<td>50</td>
</tr>
<tr>
<td>End section grey orange</td>
<td>BADL 2.5 mm</td>
<td>1SNA 291 061 R 24 00</td>
<td>20</td>
</tr>
<tr>
<td>Separator end section orange</td>
<td>SCDS.2L 2.5 mm</td>
<td>1SNA 291 352 R 20 00</td>
<td>20</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>BJDL.S2 24 A</td>
<td>1SNA 291 102 R 23 00</td>
<td>50</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJDL.S3 24 A</td>
<td>1SNA 291 103 R 24 00</td>
<td>50</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJDL.S4 24 A</td>
<td>1SNA 291 104 R 25 00</td>
<td>50</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJDL.S5 24 A</td>
<td>1SNA 291 105 R 26 00</td>
<td>20</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJDL.S10 24 A</td>
<td>1SNA 291 110 R 26 00</td>
<td>20</td>
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<tr>
<td>Shield connector</td>
<td>CBDS.2L 0.5 mm</td>
<td>1SNA 291 077 R 24 00</td>
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D 2,5/5.SNBT.4L - 2.5 mm² blocks - 5 mm .200" spacing

Characteristics

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<th>Wire size</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
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<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid 0.12 - 4</td>
<td>26-12 AWG</td>
<td>26-12 AWG</td>
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<tr>
<td>Stranded 0.12 - 2.5</td>
<td>26-12 AWG</td>
<td></td>
<td></td>
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<tr>
<td>Isolated ferrules 0.5 - 2.5</td>
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Voltage V
Current A
10 8 8

Rated wire size mm² / AWG
2.5 mm² 12 AWG 12 AWG
0.12 - 4 26-12 AWG 26-12 AWG
0.5 - 2.5 |

Wire stripping length mm / inches
9.5 mm / .37"

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/5.SNBT.4L</td>
<td>1SNA 290 133 R 24 00</td>
<td>50</td>
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<tr>
<td>Standard block grey/orange</td>
<td>D 2,5/5.SNBT.4L</td>
<td>1SNA 290 131 R 22 00</td>
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</tr>
<tr>
<td>Standard block orange</td>
<td>D 2,5/5.SNBT.4L</td>
<td>1SNA 290 132 R 23 00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue/orange</td>
<td>D 2,5/5.SNBT.N.4L</td>
<td>1SNA 290 134 R 25 00</td>
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Accessories

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<thead>
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<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop grey orange</td>
<td>BADL 9.0 mm</td>
<td>1SNA 399 903 R 02 00</td>
<td>50</td>
</tr>
<tr>
<td>End section grey orange</td>
<td>BADL 2.5 mm</td>
<td>1SNA 291 041 R 20 00</td>
<td>20</td>
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<tr>
<td>Separator end section orange</td>
<td>SCDS.4L 2.5 mm</td>
<td>1SNA 291 372 R 00 00</td>
<td>20</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>BJDL.S2 24 A</td>
<td>1SNA 291 102 R 23 00</td>
<td>50</td>
</tr>
<tr>
<td>2 poles</td>
<td>BJDL.S3 24 A</td>
<td>1SNA 291 103 R 24 00</td>
<td>50</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJDL.S4 24 A</td>
<td>1SNA 291 104 R 25 00</td>
<td>50</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJDL.S5 24 A</td>
<td>1SNA 291 105 R 26 00</td>
<td>20</td>
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<tr>
<td>5 poles</td>
<td>BJDL.S10 24 A</td>
<td>1SNA 291 110 R 26 00</td>
<td>20</td>
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</table>
Fuse holder terminal blocks for fuses 5x20 mm .197x.787 in. and 5x25 mm .197x.984 in.
Spring clamp  Din 3

D 2,5/8.SFT.2L - 2.5 mm² blocks - 8 mm .315" spacing

**Characteristics**

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<thead>
<tr>
<th></th>
<th>IEC DIN</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.12 - 4</td>
<td>26-12 AWG</td>
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<tr>
<td></td>
<td>Stranded</td>
<td>0.12 - 2.5</td>
<td>26-12 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>630</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>6.3</td>
<td>8</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
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**Selection**

<table>
<thead>
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<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/8.SFT.2L</td>
<td>1SNA 290 091</td>
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</tr>
<tr>
<td>Standard block orange</td>
<td>D 2,5/8.SFT.2L</td>
<td>1SNA 290 092</td>
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**Accessories**

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<thead>
<tr>
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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop</td>
<td>BADL</td>
<td>9 mm</td>
<td>1SNA 399 903</td>
</tr>
<tr>
<td>End section grey</td>
<td>FED8SF.2L</td>
<td>3 mm</td>
<td>1SNA 291 131</td>
</tr>
<tr>
<td>End section orange</td>
<td>FED8SF.2L</td>
<td>3 mm</td>
<td>1SNA 291 132</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection) 2 poles</td>
<td>BJDL8.2</td>
<td>24 A</td>
<td>1SNA 291 122</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJDL8.3</td>
<td>24 A</td>
<td>1SNA 291 123</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJDL8.4</td>
<td>24 A</td>
<td>1SNA 291 144</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJDL8.5</td>
<td>24 A</td>
<td>1SNA 291 145</td>
</tr>
</tbody>
</table>

D 2,5/8.S...T.2L - 2.5 mm² blocks - 8 mm .315" spacing

**Characteristics**

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<th></th>
<th>IEC DIN</th>
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<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.12 - 4</td>
<td>26-12 AWG</td>
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<tr>
<td></td>
<td>Stranded</td>
<td>0.12 - 2.5</td>
<td>26-12 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
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<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>6.3</td>
<td>8</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
</tr>
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</table>

(1) Blown fuse indicator with neon lamp 110 V - 220 V
(2) Blown fuse indicator with LED 24 V
(3) Blown fuse indicator with LED 48 V

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block with test socket (1) grey</td>
<td>D 2,5/8.SFT.T.2L</td>
<td>1SNA 290 069</td>
<td>50</td>
</tr>
<tr>
<td>Block with test socket (2) grey</td>
<td>D 2,5/8.SFD.T.2L</td>
<td>1SNA 290 064</td>
<td>50</td>
</tr>
<tr>
<td>Block with test socket (3) grey</td>
<td>D 2,5/8.SFD.T.2L</td>
<td>1SNA 290 065</td>
<td>50</td>
</tr>
<tr>
<td>Block with test socket grey body/blue lever</td>
<td>D 2,5/8.SNT.2L</td>
<td>1SNA 290 097</td>
<td>50</td>
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**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADL</td>
<td>9 mm</td>
<td>1SNA 399 903</td>
</tr>
<tr>
<td>End section grey</td>
<td>FED8SF.2L</td>
<td>3 mm</td>
<td>1SNA 291 131</td>
</tr>
<tr>
<td>End section orange</td>
<td>FED8SF.2L</td>
<td>3 mm</td>
<td>1SNA 291 132</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection) 2 poles</td>
<td>BJDL8.2</td>
<td>24 A</td>
<td>1SNA 291 122</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJDL8.3</td>
<td>24 A</td>
<td>1SNA 291 123</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJDL8.4</td>
<td>24 A</td>
<td>1SNA 291 144</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJDL8.5</td>
<td>24 A</td>
<td>1SNA 291 145</td>
</tr>
</tbody>
</table>
Miniblocks
Spring clamp

DIN 3  DIN 2  Base mount (snap-in or brackets)

With an overall width of 33 mm, the mini blocks offer 2 connections with a 5 mm spacing and 4 connections with a 10 mm spacing.

Mini blocks designed for interconnection:
Entrelec Mini blocks all have built-in interconnection facilities, so the connection terminals are reserved for connecting conductors.

Numerous marking options:
- on the top of the blocks a marking card (up to 4 characters)
- an additional marking card (up to 4 characters) on each side of the blocks, to comply with specific requirements.

DIN 3 rail mounted
DS 2,5/5.2L or DS 2,5/10.4L

DIN 2 rail mounted
DR 2,5/5.2L or DR 2,5/10.4L

Panel mounted
Clip-on: DH 2,5/5.2L or DH 2,5/10.4L

With flanges: DB 2,5/5.2L or DB 2,5/10.4L

* For 10 mm blocks, mount a DH block every 4 blocks.
* For 5 mm blocks, mount a DH block every 8 blocks.
Miniblocks
Spring clamp  ~ DIN 3

DS 2,5/5.2L - 2.5 mm² miniblocks - 5 mm .197" spacing - 2 springs

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.12 - 4 mm²</td>
<td>26-12 AWG</td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Stranded</td>
<td>0.12 - 2.5 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Isolated ferrule</td>
<td>0.5 - 2.5 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800 V</td>
<td>600 V</td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>8 kV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Current</td>
<td>A</td>
<td>24 A</td>
<td>15 A</td>
<td></td>
</tr>
<tr>
<td>Rated wire size / Gauge</td>
<td>mm² / AWG</td>
<td>2.5 mm²/12</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>mm / inches</td>
<td>3.5 mm / .14&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Spring miniblocks 5 mm spacing (DR 2,5/5.2L) comply with IEC 947-1 standard: rated wire size 1 to 2.5 mm². However, these blocks can be connected to 4 mm² solid wires.

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 spring miniblocks</td>
<td>grey</td>
<td>DS 2,5/5.2L</td>
<td>TSN1 290 221</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>DS 2,5/5.2L</td>
<td>TSN1 290 222</td>
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<tr>
<td></td>
<td>blue</td>
<td>DS 2,5/5.2L</td>
<td>TSN1 290 223</td>
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**Accessories**

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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey V0</td>
<td>FED1.L</td>
<td>1.5 mm</td>
<td>TSN1 291 301</td>
</tr>
<tr>
<td>orange V0</td>
<td>FED1.L</td>
<td>1.5 mm</td>
<td>TSN1 291 302</td>
</tr>
<tr>
<td>Jumper bar</td>
<td>orange V0</td>
<td>BJDL5.2</td>
<td>TSN1 291 102</td>
</tr>
<tr>
<td></td>
<td>2 poles</td>
<td>BJDL5.3</td>
<td>TSN1 291 103</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>BJDL5.4</td>
<td>TSN1 291 104</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJDL5.5</td>
<td>TSN1 291 105</td>
</tr>
<tr>
<td></td>
<td>5 poles</td>
<td>BJDL5.6</td>
<td>TSN1 291 110</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>BJDL5.10</td>
<td>TSN1 291 110</td>
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</table>

DS 2,5/10.4L - 2.5 mm² miniblocks - 10 mm .394" spacing - 4 springs

**Characteristics**

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<th>Wire size</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
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<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.12 - 4 mm²</td>
<td>26-12 AWG</td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Stranded</td>
<td>0.12 - 2.5 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>Isolated ferrule</td>
<td>0.5 - 2.5 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800 V</td>
<td>600 V</td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>8 kV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Current</td>
<td>A</td>
<td>24 A</td>
<td>15 A</td>
<td></td>
</tr>
<tr>
<td>Rated wire size / Gauge</td>
<td>mm² / AWG</td>
<td>2.5 mm²/12</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>9.5 mm / .37&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>mm / inches</td>
<td>3.5 mm / .14&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Spring miniblocks 5 mm spacing (DR 2,5/5.2L) comply with IEC 947-1 standard: rated wire size 1 to 2.5 mm². However, these blocks can be connected to 4 mm² solid wires.

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 spring miniblocks</td>
<td>grey</td>
<td>DS 2,5/10.4L</td>
<td>TSN1 290 231</td>
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<tr>
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<td>orange</td>
<td>DS 2,5/10.4L</td>
<td>TSN1 290 232</td>
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<tr>
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<td>blue</td>
<td>DS 2,5/10.4L</td>
<td>TSN1 290 233</td>
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**Accessories**

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<th>Packaging Weight</th>
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<tbody>
<tr>
<td>grey V0</td>
<td>FED1.L</td>
<td>1.5 mm</td>
<td>TSN1 291 301</td>
</tr>
<tr>
<td>orange V0</td>
<td>FED1.L</td>
<td>1.5 mm</td>
<td>TSN1 291 302</td>
</tr>
<tr>
<td>Jumper bar</td>
<td>orange V0</td>
<td>BJDL10.2</td>
<td>TSN1 291 102</td>
</tr>
<tr>
<td></td>
<td>2 poles</td>
<td>BJDL10.3</td>
<td>TSN1 291 103</td>
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<tr>
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<td>3 poles</td>
<td>BJDL10.4</td>
<td>TSN1 291 104</td>
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<tr>
<td></td>
<td>5 poles</td>
<td>BJDL10.10</td>
<td>TSN1 291 110</td>
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Feed through Miniblocks
Spring clamp  ▼  DIN 2

**Characteristics**

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<th>UL/CSA</th>
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<tbody>
<tr>
<td>Wire size</td>
<td>Solid 1SNC/160 003 C0205</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>0.12 - 4 mm²(1)</td>
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<tr>
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<td>800 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>8 kV</td>
</tr>
<tr>
<td>Rated Current</td>
<td>24 A</td>
</tr>
<tr>
<td>Short-circuit current</td>
<td>15 A</td>
</tr>
<tr>
<td>Rated wire size / gauge</td>
<td>2.5 mm² / 12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>9.5 mm / .37&quot;</td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>3.5 mm / .14&quot;</td>
</tr>
</tbody>
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**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 spring miniblocks</td>
<td>grey</td>
<td>DR 2,5/6.2L</td>
<td>199 201</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>DR 2,5/6.2L</td>
<td>199 202</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>DR 2,5/6.2L</td>
<td>199 203</td>
</tr>
<tr>
<td>Ground block yellow body / green marking (without rail contact)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 spring miniblocks</td>
<td>grey</td>
<td>DR 2,5/10.4L</td>
<td>199 211</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>DR 2,5/10.4L</td>
<td>199 212</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>DR 2,5/10.4L</td>
<td>199 213</td>
</tr>
<tr>
<td>Ground block yellow body / green marking (without rail contact)</td>
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<td></td>
<td></td>
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</table>

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADRL</td>
<td>199 420</td>
<td>121</td>
</tr>
<tr>
<td>End section V0</td>
<td>grey</td>
<td>FED1.L</td>
<td>291 301</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>FED1.L</td>
<td>291 302</td>
</tr>
<tr>
<td>Jumper bar</td>
<td>orange</td>
<td>BJDL5.2</td>
<td>291 102</td>
</tr>
<tr>
<td>(for DR 2,5/6.2L)</td>
<td>3 poles</td>
<td>BJDL5.3</td>
<td>291 103</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJDL5.4</td>
<td>291 104</td>
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<td></td>
<td>5 poles</td>
<td>BJDL5.5</td>
<td>291 105</td>
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<td>10 poles</td>
<td>BJDL5.10</td>
<td>291 110</td>
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<td>Jumper bar</td>
<td>orange</td>
<td>BJDL10.2</td>
<td>291 322</td>
</tr>
<tr>
<td>(for DR 2,5/10.4L)</td>
<td>2 poles</td>
<td>BJDL10.3</td>
<td>291 323</td>
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<td>3 poles</td>
<td>BJDL10.4</td>
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<td>4 poles</td>
<td>BJDL10.5</td>
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**Characteristics**

<table>
<thead>
<tr>
<th>IEC/NFC</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>0.12 - 4 mm²(1)</td>
</tr>
<tr>
<td>Voltage</td>
<td>600 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>8 kV</td>
</tr>
<tr>
<td>Rated Current</td>
<td>15 A</td>
</tr>
<tr>
<td>Short-circuit current</td>
<td>10 A</td>
</tr>
<tr>
<td>Rated wire size / gauge</td>
<td>2.5 mm² / 12 AWG</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>9.5 mm / .37&quot;</td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>3.5 mm / .14&quot;</td>
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**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
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<tbody>
<tr>
<td>4 spring protection miniblock, green body / yellow marking connected to the mounting rail</td>
<td></td>
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**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tr>
<td>End section V0</td>
<td>grey</td>
<td>FED1.L</td>
<td>291 301</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>FED1.L</td>
<td>291 302</td>
</tr>
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</table>
Miniblocks
Spring clamp
Base mount with snap in mounting foot

DH 2,5/5.2L - 2.5 mm² miniblocks - 5 mm .197" spacing - 2 springs

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>UL/CSA</th>
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<tr>
<td>mm² / AWG</td>
<td>NFC</td>
<td>DIN</td>
</tr>
<tr>
<td>Solid</td>
<td>0.12 - 4 mm²</td>
<td>0.12 - 2.5 mm²</td>
</tr>
<tr>
<td>Stranded</td>
<td>0.12 - 2.5 mm²</td>
<td></td>
</tr>
</tbody>
</table>

Voltage V
- 380 V
- 600 V

Pulse
- 8 kV

Rated Current
- A
- 24 A
- 15 A

Rated wire size / Gauge
- 2.5 mm² / AWG
- 12 AWG

Wire stripping length
- mm / inches
- 9.5 mm / .37"

Recommended screwdriver
- mm / inches
- 3.5 mm / .14"

(1) Spring miniblocks 5 mm spacing (DR 2,5/5.2L) comply with IEC 947-1 standard: rated wire size 1 to 2.5 mm². However, these blocks can be connected to 4 mm² solid wires.

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
</table>

2 spring miniblocks
- grey DH 2,5/5.2L TSN 290 261 R 14 00
- orange DH 2,5/5.2L TSN 290 262 R 15 00
- blue DH 2,5/5.2L TSN 290 263 R 16 00

Accessories

End section
- grey V0 FED 1.L 1.5 mm TSN 291 301 R 02 00
- orange V0 FED 1.L 1.5 mm TSN 291 302 R 03 00

Jumper bar
- grey V0 BJDL 5.2 24 A TSN 291 102 R 23 00
- orange V0 BJDL 5.3 24 A TSN 291 103 R 24 00
- blue BJDL 5.4 24 A TSN 291 104 R 25 00
- grey BJDL 5.5 24 A TSN 291 105 R 26 00
- blue BJDL 5.10 24 A TSN 291 110 R 26 00

DH 2,5/10.4L - 2.5 mm² miniblocks - 10 mm .394" spacing - 4 springs

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>UL/CSA</th>
</tr>
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<tbody>
<tr>
<td>mm² / AWG</td>
<td>NFC</td>
<td>DIN</td>
</tr>
<tr>
<td>Solid</td>
<td>0.12 - 4 mm²</td>
<td>0.12 - 2.5 mm²</td>
</tr>
<tr>
<td>Stranded</td>
<td>0.12 - 2.5 mm²</td>
<td></td>
</tr>
</tbody>
</table>

Voltage V
- 380 V
- 600 V

Pulse
- 8 kV

Rated Current
- A
- 24 A
- 15 A

Rated wire size / Gauge
- 2.5 mm² / AWG
- 12 AWG

Wire stripping length
- mm / inches
- 9.5 mm / .37"

Recommended screwdriver
- mm / inches
- 3.5 mm / .14"

(1) Spring miniblocks 5 mm spacing (DR 2,5/5.2L) comply with IEC 947-1 standard: rated wire size 1 to 2.5 mm². However, these blocks can be connected to 4 mm² solid wires.

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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</thead>
</table>

4 spring miniblocks
- grey DH 2,5/10.4L TSN 290 271 R 16 00
- orange DH 2,5/10.4L TSN 290 272 R 17 00
- blue DH 2,5/10.5.N.4L TSN 290 273 R 18 00

Accessories

End section
- grey V0 FED 1.L 1.5 mm TSN 291 301 R 02 00
- orange V0 FED 1.L 1.5 mm TSN 291 302 R 03 00

Jumper bar
- grey V0 BJDL 10.2 24 A TSN 291 322 R 23 00
- orange V0 BJDL 10.3 24 A TSN 291 323 R 24 00
- blue BJDL 10.4 24 A TSN 291 324 R 25 00
- grey BJDL 10.5 24 A TSN 291 325 R 26 00

ABB Entelec
Miniblocks
Spring clamp
Base mount with flanges

DB 2.5/5.2L - 2.5 mm² miniblocks - 5 mm .197” spacing - 2 springs

Characteristics

<table>
<thead>
<tr>
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<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.12 - 4 mm²(1)</td>
<td>26-12 AWG</td>
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<tr>
<td></td>
<td>Stranded</td>
<td>0.12 - 2.5 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800 V</td>
<td>600 V</td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>8 kV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Current</td>
<td>A</td>
<td>24 A</td>
<td>15 A</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping</td>
<td>mm / inches</td>
<td>9.5 mm / .37”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>mm / inches</td>
<td>3.5 mm / .14”</td>
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Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
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<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>2 spring miniblocks</td>
<td>grey</td>
<td>DB 2,5/5.2L</td>
<td>1SNA 290 241 120</td>
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<td></td>
<td>orange</td>
<td>DB 2,5/5.2L</td>
<td>1SNA 290 242 110</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>DB 2,5/5.9.N.2.L</td>
<td>1SNA 290 243 120</td>
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Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>End section kit</td>
<td>grey V0</td>
<td>FEDBL 1.5 mm</td>
<td>1SNA 290 281 010</td>
</tr>
<tr>
<td></td>
<td>orange V0</td>
<td>FEDBL 1.5 mm</td>
<td>1SNA 290 282 020</td>
</tr>
<tr>
<td>Jumper bar</td>
<td>orange V0</td>
<td>BJDLS.2 24 A</td>
<td>1SNA 291 102 030</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BJDLS.3 24 A</td>
<td>1SNA 291 103 040</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BJDLS.4 24 A</td>
<td>1SNA 291 104 050</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BJDLS.5 24 A</td>
<td>1SNA 291 105 060</td>
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<td>BJDLS.10 24 A</td>
<td>1SNA 291 110 060</td>
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DB 2.5/10.4L - 2.5 mm² miniblocks - 10 mm .394” spacing - 4 springs

Characteristics

<table>
<thead>
<tr>
<th></th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
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</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid</td>
<td>0.12 - 4 mm²(1)</td>
<td>26-12 AWG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.12 - 2.5 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800 V</td>
<td>600 V</td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>8 kV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Current</td>
<td>A</td>
<td>24 A</td>
<td>15 A</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping</td>
<td>mm / inches</td>
<td>9.5 mm / .37”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended screwdriver</td>
<td>mm / inches</td>
<td>3.5 mm / .14”</td>
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Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
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<td>DB 2,5/10.4.L</td>
<td>1SNA 290 251 120</td>
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<td>orange</td>
<td>DB 2,5/10.4.L</td>
<td>1SNA 290 252 130</td>
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<td>blue</td>
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<td>1SNA 290 253 140</td>
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Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section kit</td>
<td>grey V0</td>
<td>FEDBL 1.5 mm</td>
<td>1SNA 290 281 010</td>
</tr>
<tr>
<td></td>
<td>orange V0</td>
<td>FEDBL 1.5 mm</td>
<td>1SNA 290 282 020</td>
</tr>
<tr>
<td>Jumper bar</td>
<td>orange V0</td>
<td>BJDLS.2 24 A</td>
<td>1SNA 291 102 030</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BJDLS.3 24 A</td>
<td>1SNA 291 103 040</td>
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<tr>
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<td></td>
<td>BJDLS.4 24 A</td>
<td>1SNA 291 104 050</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BJDLS.5 24 A</td>
<td>1SNA 291 105 060</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BJDLS.10 24 A</td>
<td>1SNA 291 110 060</td>
</tr>
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Feed through and ground terminal blocks
Insulation displacement

**ADO - Screw clamp**

### D 2,5/5.ADO - 1 mm² blocks - 5 mm • 198° spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size (mm² / AWG)</th>
<th>Screw</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-12 AWG</td>
<td>22-12 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 2.5</td>
<td>24-18 AWG</td>
<td>24-18 AWG</td>
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#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/5.ADO</td>
<td>1SNA 199 554 / 0500</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 2,5/5.ADO</td>
<td>1SNA 199 555 / 0400</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 2,5/5.N.ADO</td>
<td>1SNA 199 556 / 0500</td>
<td>50</td>
</tr>
<tr>
<td>Standard block black</td>
<td>D 2,5/5.ADO</td>
<td>1SNA 199 557 / 0600</td>
<td>50</td>
</tr>
<tr>
<td>Standard block red</td>
<td>D 2,5/5.ADO</td>
<td>1SNA 199 558 / 0700</td>
<td>50</td>
</tr>
<tr>
<td>Standard block yellow</td>
<td>D 2,5/5.ADO</td>
<td>1SNA 199 559 / 0800</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow body/green marking (without rail contact)</td>
<td>D 2,5/5.PI.ADO</td>
<td>1SNA 399 181 / 2600</td>
<td>50</td>
</tr>
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</table>

#### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop BADL</td>
<td>9 mm</td>
<td>1SNA 399 903 / 0200</td>
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<tr>
<td>End section grey</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
<tr>
<td>End section blue</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
<tr>
<td>End section yellow</td>
<td>FEDAD1</td>
<td>3 mm</td>
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</table>

**D 2,5/5.P.ADO - 1 mm² ground block with rail contact - 5 mm • 198° spacing**

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size (mm² / AWG)</th>
<th>Screw</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-12 AWG</td>
<td>22-12 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 2.5</td>
<td>24-18 AWG</td>
<td>24-18 AWG</td>
</tr>
<tr>
<td>Short circuit current</td>
<td>A / s</td>
<td>120 A / 1s</td>
<td>18AWG</td>
<td>18AWG</td>
</tr>
<tr>
<td>Rated wire size (mm² / AWG)</td>
<td>1 mm²</td>
<td>18AWG</td>
<td>18AWG</td>
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</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.4-0.6 Nm / 3.5-5.3 lb.in</td>
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#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Ground block V0 green/yellow</td>
<td>D 2,5/5.P.ADO</td>
<td>1SNA 399 030 / 0500</td>
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</table>

#### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>End section grey</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
<tr>
<td>End section yellow</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
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</table>
# Feed through and ground terminal blocks

**Insulation displacement**

**ADO - Screw clamp**

**DIN 3**

## D 4/6... ADO - 1.5 mm² blocks - 6 mm .238" spacing

### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Solid</th>
<th>Stranded</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
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</thead>
<tbody>
<tr>
<td>0.2 - 4</td>
<td>0.22 - 4</td>
<td>22-10 AWG</td>
<td>22-10 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.34 - 1.5</td>
<td>0.34 - 1.5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
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### Selection

#### Description

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/6.ADO</td>
<td>199 034</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/6.ADO</td>
<td>199 035</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 4/6.ADO</td>
<td>199 036</td>
</tr>
<tr>
<td>Standard block black</td>
<td>D 4/6.ADO</td>
<td>199 037</td>
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<tr>
<td>Standard block red</td>
<td>D 4/6.ADO</td>
<td>199 038</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 4/6.PI.ADO</td>
<td>199 039</td>
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#### Accessories

<table>
<thead>
<tr>
<th>Description</th>
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<th>Order P/N</th>
<th>Packaging Weight</th>
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</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADL 9 mm</td>
<td>399 903</td>
<td>50</td>
</tr>
<tr>
<td>End section</td>
<td>FEDAD1 3 mm</td>
<td>399 336</td>
<td>20</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection) 2 poles</td>
<td>BJMJ6 32 A</td>
<td>176 663</td>
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</tr>
<tr>
<td>3 poles</td>
<td>BJMJ6 32 A</td>
<td>176 664</td>
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<td>4 poles</td>
<td>BJMJ6 32 A</td>
<td>176 665</td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJMJ6 32 A</td>
<td>176 666</td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJMJ6 32 A</td>
<td>176 667</td>
<td>10</td>
</tr>
<tr>
<td>Screwless jumper bar orange IP20 2 poles</td>
<td>BJJE6.2 32 A</td>
<td>299 694</td>
<td>100</td>
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<tr>
<td>3 poles</td>
<td>BJJE6.3 32 A</td>
<td>299 695</td>
<td>70</td>
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<tr>
<td>4 poles</td>
<td>BJJE6.4 32 A</td>
<td>299 696</td>
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<tr>
<td>5 poles</td>
<td>BJJE6.5 32 A</td>
<td>299 697</td>
<td>40</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJJE6.10 33 A</td>
<td>299 702</td>
<td>30</td>
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<tr>
<td>Shielding connector</td>
<td>CBM5 0.5 mm</td>
<td>176 745</td>
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<td></td>
<td>CBMB 0.8 mm</td>
<td>176 746</td>
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## D 4/6.P.ADO - 1.5 mm² ground block with rail contact - 6 mm .238" spacing

### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Solid</th>
<th>Stranded</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2 - 4</td>
<td>0.22 - 4</td>
<td>22-10AWG</td>
<td>22-10AWG</td>
<td></td>
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<tr>
<td>0.34 - 1.5</td>
<td>0.34 - 1.5</td>
<td>22-16AWG</td>
<td>22-16AWG</td>
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### Selection

#### Description

<table>
<thead>
<tr>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground block green body/ yellow marking V0</td>
<td>D 4/6.P.ADO</td>
<td>199 050</td>
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#### Accessories

<table>
<thead>
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<th>Packaging Weight</th>
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<tr>
<td>End section</td>
<td>FEDAD1 3 mm</td>
<td>399 339</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>FEDAD1 3 mm</td>
<td>399 339</td>
<td>20</td>
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Feed through and ground terminal blocks
Insulation displacement
ADO - Screw clamp

### D 6/8... .ADO - 2.5 mm² blocks - 8 mm .315° spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 6/8.ADO</td>
<td>TSNA 199 042 / 05</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 6/8.ADO</td>
<td>TSNA 199 043 / 05</td>
<td>50</td>
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<tr>
<td>Standard block blue</td>
<td>D 6/8.N.ADO</td>
<td>TSNA 199 044 / 05</td>
<td>50</td>
</tr>
<tr>
<td>Standard block black</td>
<td>D 6/8.ADO</td>
<td>TSNA 199 077 / 05</td>
<td>50</td>
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<tr>
<td>Standard block red</td>
<td>D 6/8.ADO</td>
<td>TSNA 199 075 / 05</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 6/8.PI.ADO</td>
<td>TSNA 199 045 / 05</td>
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#### Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>BADL</td>
<td>9 mm</td>
<td>TSNA 399 903 / 02</td>
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<table>
<thead>
<tr>
<th>End section</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey</td>
<td>FEDAD1</td>
<td>3 mm</td>
<td>TSNA 199 336 / 02</td>
</tr>
<tr>
<td>blue</td>
<td>FEDAD1</td>
<td>3 mm</td>
<td>TSNA 199 338 / 02</td>
</tr>
<tr>
<td>yellow</td>
<td>FEDAD1</td>
<td>3 mm</td>
<td>TSNA 199 339 / 02</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assembled jumper bar (with IP20 protection)</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td>BJM8</td>
<td>41 A</td>
<td>TSNA 176 669 / 06</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM8</td>
<td>41 A</td>
<td>TSNA 176 670 / 06</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJM8</td>
<td>41 A</td>
<td>TSNA 176 671 / 06</td>
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<tr>
<td>5 poles</td>
<td>BJM8</td>
<td>41 A</td>
<td>TSNA 176 672 / 06</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJM8</td>
<td>41 A</td>
<td>TSNA 176 673 / 06</td>
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<table>
<thead>
<tr>
<th>Screwless jumper bar orange IP20</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td>BJEB2</td>
<td>32 A</td>
<td>TSNA 299 712 / 06</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJEB3</td>
<td>32 A</td>
<td>TSNA 299 715 / 06</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJEB4</td>
<td>32 A</td>
<td>TSNA 299 714 / 07</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJEB5</td>
<td>32 A</td>
<td>TSNA 299 715 / 00</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJEB10</td>
<td>32 A</td>
<td>TSNA 299 720 / 14</td>
</tr>
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</table>

### D 6/8.P.ADO - 2.5 mm² ground block with rail contact - 8 mm .315° spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground block green body/ yellow marking V0</td>
<td>D 6/8.P.ADO</td>
<td>TSNA 199 118 / 06</td>
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#### Accessories

<table>
<thead>
<tr>
<th>End section</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey</td>
<td>FEDAD1</td>
<td>3 mm</td>
<td>TSNA 199 339 / 00</td>
</tr>
<tr>
<td>yellow</td>
<td>FEDAD1</td>
<td>3 mm</td>
<td>TSNA 199 336 / 00</td>
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</tbody>
</table>
Feed through and ground terminal blocks
Insulation displacement
ADO - Screw clamp  DIN 3

D 6/8.ADO3 - 4 mm² blocks - 8 mm .315° spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Screw</td>
<td>Solid</td>
<td>0.2 - 10</td>
<td>22-8 AWG</td>
<td>22-8 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 6</td>
<td>12 AWG</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>1000</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>25</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Short circuit current [D6/8.ADO3]</td>
<td>A / s</td>
<td>480 A/1s</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length (screw)</td>
<td>mm / inches</td>
<td>12 mm / .47&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.8-1 Nm / 7.1-8.9 lb.in</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Only 1 wire per ADO connection

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 6/8.ADO3</td>
<td>1SNA 399 245 R 15</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 6/8.ADO3</td>
<td>1SNA 399 600 R 17</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 6/8.N.ADO3</td>
<td>1SNA 399 219 R 17</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 6/8.PI.ADO3</td>
<td>1SNA 399 273 R 11</td>
<td>50</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADL</td>
<td>9 mm</td>
<td>1SNA 399 903 R 02</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJE8</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>BJE8</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJE8</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>5 poles</td>
<td>BJE8</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>BJE8</td>
<td>32 A</td>
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D 6/8.P.ADO3 - 4 mm² ground block with rail contact - 8 mm .315° spacing

<table>
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<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Screw</td>
<td>Solid</td>
<td>0.2 - 10</td>
<td>22-8AWG</td>
<td>22-8AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 6</td>
<td>12 AWG</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>1000</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td>25</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length (screw)</td>
<td>mm / inches</td>
<td>12 mm / .47&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.8-1 Nm / 7.1-8.9 lb.in</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Only 1 wire per ADO connection

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground block green body/ yellow marking</td>
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<td>1SNA 399 251 R 13</td>
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Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>FEDAD1</td>
<td>3 mm</td>
</tr>
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</table>
Feed through and ground terminal blocks
insulation displacement - Double deck
ADO - Screw clamp

ADO SYSTEM

D 4/6.D2.ADO - 1.5 mm² blocks - 6 mm .238” spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.25 - 4</td>
<td>22-10 AWG</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td>ADO</td>
<td>Stranded</td>
<td>0.25 - 4</td>
<td>22-10 AWG</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>17.5</td>
<td>18</td>
<td>18</td>
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2 wires of the same gage and nature per ADO connection

**D 6/8.D2.ADO - 2.5 mm² blocks - 8 mm .315” spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.3 - 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td>Stranded</td>
<td>0.22 - 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2 wires of the same gage and nature per ADO connection

**Selection**

**D 4/6.D2.ADO**

- D 4/6.D2.ADO
- D 4/6.D2.DADO
- D 4/6.D2.N.ADO
- D 4/6.D2.P.ADO

- Standard block grey
- Standard block orange
- Standard block blue
- Ground block green body/
yellow marking with rail contact

- Wire stripping length (screw) mm / inches: 9.5 mm / .37”
- Recommended torque (screw) Nm / Ib.in: 0.5-0.8 Nm / 4.4-7.1 Ib.in

**D 6/8.D2.ADO**

- D 6/8.D2.ADO
- D 6/8.D2.DADO
- D 6/8.D2.N.ADO

- Standard block grey
- Standard block orange
- Standard block blue
- Ground block green body/
yellow marking with rail contact

- Wire stripping length (screw) mm / inches: 12 mm / .47”
- Recommended torque (screw) Nm / Ib.in: 0.8 - 1 Nm / 7.1 - 8.9 Ib.in

**Accessories**

- End stop
- End section
- Assembled jumper bar
- Screwless jumper bar
- Shield connector
- Ground block

- Standard block grey
- Standard block orange
- Standard block blue
- Ground block green body/
yellow marking with rail contact

- Standard block grey
- Standard block orange
- Standard block blue
- Ground block green body/
yellow marking with rail contact

- Standard block grey
- Standard block orange
- Standard block blue
- Ground block green body/
yellow marking with rail contact
# Heavy duty switch terminal blocks with blade insulation displacement

## Screw clamp - ADO  ⎼ ⎼ ⎼ DIN 3

### D 2,5/5.SN.ADO - 1 mm² blocks - 5 mm .198" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.2</td>
<td>0.3</td>
<td>4</td>
<td>2-12 AWG</td>
<td>22-12 AWG</td>
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<tr>
<td></td>
<td>Stranded</td>
<td>0.2</td>
<td>0.3</td>
<td>2-5</td>
<td>24-18 AWG</td>
<td>24-18 AWG</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>320</td>
<td>300</td>
<td>300</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>0.2 - 1</td>
<td>1 mm²</td>
<td>18 AWG</td>
<td>18 AWG</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length (screw)</td>
<td>mm / inches</td>
<td>9.5 mm / 0.37&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.4-0.6 Nm / 3.5-5.3 lb.in</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Notes**: 2 wires of the same gage and nature per ADO connection

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/5.SN.ADO</td>
<td>1SNA 299 226 R 02</td>
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</tr>
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<td>Standard block orange</td>
<td>D 2,5/5.SN.ADO</td>
<td>1SNA 299 227 R 03</td>
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</tbody>
</table>

### D 4/6.SN.ADO - 1.5 mm² blocks - 6 mm .238" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.3</td>
<td>0.3</td>
<td>4</td>
<td>2-10 AWG</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.3</td>
<td>0.3</td>
<td>2-5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>500</td>
<td>600</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>0.3</td>
<td>0.3</td>
<td>1.5</td>
<td>16 AWG</td>
<td>16 AWG</td>
</tr>
<tr>
<td>Wire stripping length (screw)</td>
<td>mm / inches</td>
<td>9.5 mm / 0.37&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Notes**: 2 wires of the same gage and nature per ADO connection

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/6.SN.ADO</td>
<td>1SNA 199 107 R 24</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/6.SN.ADO</td>
<td>1SNA 199 108 R 05</td>
<td>50</td>
</tr>
</tbody>
</table>

### D 4/8.SN.ADO - 2.5 mm² blocks - 8 mm .315" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>1</td>
<td>1</td>
<td>2-5</td>
<td>16-14 AWG</td>
<td>16-14 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>1</td>
<td>1</td>
<td>1-2.5</td>
<td>16-14 AWG</td>
<td>16-14 AWG</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>500</td>
<td>600</td>
<td>600</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>1</td>
<td>1</td>
<td>2.5</td>
<td>14 AWG</td>
<td>14 AWG</td>
</tr>
<tr>
<td>Wire stripping length (screw)</td>
<td>mm / inches</td>
<td>9.5 mm / 0.37&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw)</td>
<td>Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Notes**: 2 wires of the same gage and nature per ADO connection

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/8.SN.ADO</td>
<td>1SNA 199 137 R 11</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/8.SN.ADO</td>
<td>1SNA 199 138 R 22</td>
<td>50</td>
</tr>
</tbody>
</table>

### Accessories

- **End stop**: BADL, 9 mm
- **End section**: grey, FEDAD4, 2 mm
- **Shield connector**: CBD1, 0.8 mm (1)
- **Screwless jumper bar**
  - orange IP20: 2 poles
  - 3 poles
  - 4 poles
  - 5 poles
  - 10 poles
- **Screwless jumper bar**
  - orange IP20: 2 poles
  - 3 poles
  - 4 poles
  - 5 poles
  - 10 poles

**Gross Automation** (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Fuse holder terminal blocks for fuses 5x20 mm .197x.787 in. and 5x25 mm .197x.984 in.
ADO - Screw clamp DIN 3

### D 4/8.SF...I.ADO - 1.5 mm² blocks - 8 mm .315" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw Type</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-10AWG</td>
<td>22-10AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 4</td>
<td>22-10AWG</td>
<td>22-10AWG</td>
</tr>
<tr>
<td>ADO</td>
<td>Solid</td>
<td>0.34 - 1.5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.34 - 1.5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
</tr>
</tbody>
</table>

#### Voltage

| Voltage | 630 (10) | 600 (10) | 600 (10) |

#### Current

| Current | A | 6.3 | 10 | 10 |

#### Rated wire size mm² / AWG

| Wire stripping length (screw) mm / inches | 9.5 mm / .37" |

#### Recommended torque (screw) Nm / lb.in

| 0.5-0.8 Nm / 4.4-7.1 lb.in |

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/8.SF.I.ADO</td>
<td>1SNA 399 785</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/8.SF.I.ADO</td>
<td>1SNA 399 786</td>
<td>50</td>
</tr>
<tr>
<td>Bloc with Ø 2 mm test socket grey</td>
<td>D 4/8.SFT2.I.ADO</td>
<td>1SNA 399 777</td>
<td>50</td>
</tr>
</tbody>
</table>

(1) Terminal block insulation voltage. Working voltage according to fuse.

### D 4/8.SFL...I.ADO - 1.5 mm² blocks - 8 mm .315" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw Type</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-10AWG</td>
<td>22-10AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 4</td>
<td>22-10AWG</td>
<td>22-10AWG</td>
</tr>
<tr>
<td>ADO</td>
<td>Solid</td>
<td>0.34 - 1.5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.34 - 1.5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
</tr>
</tbody>
</table>

#### Voltage

| Voltage | V | 500 | 600 | 600 |

#### Current

| Current | A | 6.3 | 10 | 10 |

#### Rated wire size mm² / AWG

| Wire stripping length (screw) mm / inches | 9.5 mm / .37" |

#### Recommended torque (screw) Nm / lb.in

| 0.5-0.8 Nm / 4.4-7.1 lb.in |

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey (1)</td>
<td>D 4/8.SFL.I.ADO</td>
<td>1SNA 399 700</td>
<td>50</td>
</tr>
<tr>
<td>Standard block grey (2)</td>
<td>D 4/8.SFL.I.ADO</td>
<td>1SNA 399 701</td>
<td>50</td>
</tr>
</tbody>
</table>

(1) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp : < 0.5 mA (110 V) - < 0.7 mA (230 V)).
(2) Blown-fuse indicator by LED 24 V (+24V labeled) (leakage current with LED 24 V or 48 V < 4.5 mA).

### D 4/8.SNN.I.ADO - 1.5 mm² blocks - 8 mm .315" spacing - neutral switch block

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw Type</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-10AWG</td>
<td>22-10AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 4</td>
<td>22-10AWG</td>
<td>22-10AWG</td>
</tr>
<tr>
<td>ADO</td>
<td>Solid</td>
<td>0.34 - 1.5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.34 - 1.5</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
</tr>
</tbody>
</table>

#### Voltage

| Voltage | V | 630 | 600 | 600 |

#### Current

| Current | A | 10 | 10 | 10 |

#### Rated wire size mm² / AWG

| Wire stripping length (screw) mm / inches | 9.5 mm / .37" |

#### Recommended torque (screw) Nm / lb.in

| 0.5-0.8 Nm / 4.4-7.1 lb.in |

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey body/ blue grip</td>
<td>D 4/8.SNN.I.ADO</td>
<td>1SNA 399 776</td>
<td>50</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>B A D L</th>
<th>9 mm</th>
<th>1 SNA 399 903</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section</td>
<td>F E D A D 1 0</td>
<td>1.5 mm</td>
<td>1 S N A 399 758</td>
<td>20</td>
</tr>
</tbody>
</table>

ABB Entrelec

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Fuse holder terminal blocks for fuses
5x20 mm .197x.787 in. and 5x25 mm .197x.984 in.

**ADO - Screw clamp  ▲  DIN 3**

### D 4/8.SF...I.ADO2 - 2.5 mm² blocks - 8 mm .315° spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-10AWG</td>
<td></td>
<td>22-10AWG</td>
<td></td>
</tr>
<tr>
<td>Stranded</td>
<td>0.22 - 4</td>
<td>22-10AWG</td>
<td></td>
<td>22-10AWG</td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td>1 - 2.5</td>
<td>16-14 AWG</td>
<td></td>
<td>16-14 AWG</td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>1 - 2.5</td>
<td>16-14 AWG</td>
<td></td>
<td>16-14 AWG</td>
<td></td>
</tr>
</tbody>
</table>

#### Voltage

- V: 630 (1) 600 (1) 600 (1)
- A: 6.3 10 10

#### Rated wire size mm² / AWG

- 1.5 mm² 10/14AWG 10/14AWG

#### Wire stripping length (screw) mm / inches

- 9.5 mm / .37"

#### Recommended torque (screw) Nm / lb.in

- 0.5-0.8 Nm / 4.4-7.1 lb.in

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/8.SF.I.ADO2</td>
<td>1SNA 399763</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/8.SF.I.ADO2</td>
<td>1SNA 399764</td>
<td>50</td>
</tr>
<tr>
<td>Block with Ø 2 mm screw side grey</td>
<td>D 4/8.SFT2.I.ADO2</td>
<td>1SNA 399762</td>
<td>50</td>
</tr>
</tbody>
</table>

(1) Terminal block insulation voltage. Working voltage according to fuse.

### D 4/8.SF...I.ADO2 - 2.5 mm² blocks - 8 mm .315° spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-10AWG</td>
<td></td>
<td>22-10AWG</td>
<td></td>
</tr>
<tr>
<td>Stranded</td>
<td>0.22 - 4</td>
<td>22-10AWG</td>
<td></td>
<td>22-10AWG</td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td>1 - 2.5</td>
<td>16-14 AWG</td>
<td></td>
<td>16-14 AWG</td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>1 - 2.5</td>
<td>16-14 AWG</td>
<td></td>
<td>16-14 AWG</td>
<td></td>
</tr>
</tbody>
</table>

#### Voltage

- V: 630 (1) 600 (1) 600 (1)
- A: 6.3 10 10

#### Rated wire size mm² / AWG

- 2.5 mm² 10/14AWG 10/14AWG

#### Wire stripping length (screw) mm / inches

- 9.5 mm / .37"

#### Recommended torque (screw) Nm / lb.in

- 0.5-0.8 Nm / 4.4-7.1 lb.in

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey (2)</td>
<td>D 4/8.SFL.I.ADO2</td>
<td>1SNA 399767</td>
<td>50</td>
</tr>
<tr>
<td>Standard block grey (3)</td>
<td>D 4/8.SFD.I.ADO2</td>
<td>1SNA 399769</td>
<td>50</td>
</tr>
</tbody>
</table>

(2) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp < 0.5 mA (110 V) < 0.7 mA (230 V)).

(3) Blown-fuse indicator by LED 24 V ( +24V labeled) (leakage current with LED 24 V or 48 V < 4.5 mA).

### D 4/8.SNN.I.ADO2 - 2.5 mm² blocks - 8 mm .315° spacing - neutral switch block

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>0.2 - 4</td>
<td>22-10AWG</td>
<td></td>
<td>22-10AWG</td>
<td></td>
</tr>
<tr>
<td>Stranded</td>
<td>0.22 - 4</td>
<td>22-10AWG</td>
<td></td>
<td>22-10AWG</td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td>1 - 2.5</td>
<td>16-14 AWG</td>
<td></td>
<td>16-14 AWG</td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>1 - 2.5</td>
<td>16-14 AWG</td>
<td></td>
<td>16-14 AWG</td>
<td></td>
</tr>
</tbody>
</table>

#### Voltage

- V: 630 600 600
- A: 6.3 10 10

#### Rated wire size mm² / AWG

- 1.5 mm² 10/14AWG 10/14AWG

#### Wire stripping length (screw) mm / inches

- 9.5 mm / .37"

#### Recommended torque (screw) Nm / lb.in

- 0.5-0.8 Nm / 4.4-7.1 lb.in

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey/ blue grip</td>
<td>D 4/8.SNN.I.ADO2</td>
<td>1SNA 399765</td>
<td>50</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADL</td>
<td>1SNA 399603</td>
<td>50</td>
</tr>
<tr>
<td>End section</td>
<td>FEDAD10</td>
<td>1SNA 399756</td>
<td>20</td>
</tr>
</tbody>
</table>
Miniblocks
Insulation displacement (ADO)

Miniblock mounting and accessories

Rail mounting DIN 2 and DIN 3
DIN 2 : DR...ADO - DIN 3 : DS...ADO

At the end of the terminal block assembly:
- End section: (same accessory for any type of terminal block assembly)
  FEAD1 : V/ADO
  FEAD2 : ADO/ADO
  End section to be mounted directly on the open part of the terminal block.

- End terminal block:
  DRE... ADO (DIN2)
  DSE... ADO (DIN3)
  This terminal block has to be mounted at the end of the terminal block assembly: it reduces its size, because it suppresses the insulation rib (~ 4 mm).
  Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes).

In the terminal block assembly:
- Separator: (same accessory for any type of terminal block assembly)
  FEAD5 : V/ADO
  FEAD6 : ADO/ADO
  Accessory which snaps on the terminal blocks, separates and makes visible the different parts of the terminal block assembly.

Base mounting

Snap on : DH...ADO
With flanges : DB...ADO

A reduced size range
A very legible marking
Mounting on DIN 3 rail
Mounting on DIN 2 rail
Panel mounting
DH = snap-in
DB = flanges
Miniblocks
Insulation displacement
ADO - Screw clamp  
DIN 3

DS 4/6.ADO - 1.5 mm² miniblocks - 6 mm .236" spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.2 - 4 mm²</td>
<td>22-10 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 4 mm²</td>
<td>22-16 AWG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Voltage

| V | 800 V | 600 V |

Pulse

| kV |

Current

| A | 17.5 A | 20 A |

Rated wire size

| mm² / AWG | 1.5 mm² | 16-10 AWG |

Wire stripping length

| mm / inches | 9.5 mm / .374" |

Recommended torque (screw)

| Nm / lb.in | 0.5-0.8 Nm / 4.4-7.1 lb.in |

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 3 miniblocks</td>
<td>grey</td>
<td>DS 4/6.ADO</td>
<td>1SNA 299 499</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>DS 4/6.N.ADO</td>
<td>1SNA 299 491</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>DS 4/6.ADO</td>
<td>1SNA 299 490</td>
</tr>
<tr>
<td></td>
<td>grey</td>
<td>DSE 4/6.ADO</td>
<td>1SNA 299 556</td>
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</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop V0</td>
<td>grey</td>
<td>FEAD1</td>
<td>1SNA 299 903</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>FEAD1</td>
<td>1SNA 199 421</td>
</tr>
</tbody>
</table>

DS 4/8.ADO - 2.5 mm² miniblocks - 8 mm .315" spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>Solid</td>
<td>0.2 - 4 mm²</td>
<td>22-10 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.22 - 4 mm²</td>
<td>22-16 AWG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Voltage

| V | 1000 V | 600 V |

Pulse

| kV |

Current

| A | 24 A | 25 A |

Rated wire size

| mm² / AWG | 2.5 mm² | 14-10 AWG |

Wire stripping length

| mm / inches | 9.5 mm / .374" |

Recommended torque (screw)

| Nm / lb.in | 0.5-0.8 Nm / 4.4-7.1 lb.in |

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 3 miniblocks</td>
<td>grey</td>
<td>DS 4/8.ADO</td>
<td>1SNA 299 493</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>DS 4/8.N.ADO</td>
<td>1SNA 299 495</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>DS 4/8.ADO</td>
<td>1SNA 299 494</td>
</tr>
<tr>
<td></td>
<td>grey</td>
<td>DSE 4/8.ADO</td>
<td>1SNA 299 557</td>
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</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop V0</td>
<td>grey</td>
<td>FEAD1</td>
<td>1SNA 299 903</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>FEAD1</td>
<td>1SNA 199 421</td>
</tr>
</tbody>
</table>

* Notches to identify 8 mm spacing

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section V0</td>
<td>grey</td>
<td>FEAD1</td>
<td>1SNA 299 903</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>FEAD1</td>
<td>1SNA 199 421</td>
</tr>
</tbody>
</table>

2 wires of the same gage and nature per ADO connection

2 wires of the same gage and nature per ADO connection

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
## Miniblocks

### Insulation displacement

**ADO - Screw clamp**

### DIN 2

#### DR 4/6.ADO - 1.5 mm² miniblocks - 6 mm .236" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire size</strong> mm² / AWG</td>
<td>Screw Solid 0.2 - 4 mm²</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td><strong>Wire size</strong> mm² / AWG</td>
<td>Stranded 0.22 - 4 mm²</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td><strong>Voltage</strong> V</td>
<td>ADO Solid 0.38 - 1.5 mm²</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td><strong>Voltage</strong> V</td>
<td>Stranded 0.34 - 1.5 mm²</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td><strong>Pulse</strong> kV</td>
<td>800 V</td>
<td>600 V</td>
</tr>
<tr>
<td><strong>Current</strong> A</td>
<td>17.5 A</td>
<td>20 A</td>
</tr>
<tr>
<td><strong>Rated wire size</strong> mm² / AWG</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
</tr>
<tr>
<td><strong>Wire stripping length</strong> mm / inches</td>
<td>9.5 mm / .374&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended torque (screw)</strong> Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 2 miniblocks</td>
<td>grey DR 4/6.ADO</td>
<td>J9NA 199 275 /0300</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>blue DR 4/6.N.ADO</td>
<td>J9NA 199 277 /0500</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>orange DR 4/6.ADO</td>
<td>J9NA 199 276 /0400</td>
<td>100</td>
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<tr>
<td></td>
<td>grey DRE 4/6.ADO</td>
<td>J9NA 299 552 /0500</td>
<td>20</td>
</tr>
</tbody>
</table>

#### DR 4/8.ADO - 2.5 mm² miniblocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC NFC DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire size</strong> mm² / AWG</td>
<td>Screw Solid 0.2 - 4 mm²</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td><strong>Wire size</strong> mm² / AWG</td>
<td>Stranded 0.22 - 4 mm²</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td><strong>Voltage</strong> V</td>
<td>ADO Solid 1 - 2.5 mm²</td>
<td>16-14 AWG</td>
</tr>
<tr>
<td><strong>Voltage</strong> V</td>
<td>Stranded 1 - 2.5 mm²</td>
<td>16-14 AWG</td>
</tr>
<tr>
<td><strong>Pulse</strong> kV</td>
<td>1000 V(1)</td>
<td>600 V(1)</td>
</tr>
<tr>
<td><strong>Current</strong> A</td>
<td>25 A(1)</td>
<td>25 A(1)</td>
</tr>
<tr>
<td><strong>Short-circuit current</strong> A / s</td>
<td>300 A / 1 s(2)</td>
<td></td>
</tr>
<tr>
<td><strong>Rated wire size</strong> mm² / AWG</td>
<td>2.5 mm²</td>
<td>14 AWG</td>
</tr>
<tr>
<td><strong>Wire stripping length</strong> mm / inches</td>
<td>9.5 mm / .374&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended torque (screw)</strong> Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
<td></td>
</tr>
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</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 2 miniblocks</td>
<td>grey DR 4/8.ADO</td>
<td>J9NA 199 279 /1700</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>blue DR 4/8.N.ADO</td>
<td>J9NA 199 281 /2200</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>orange DR 4/8.ADO</td>
<td>J9NA 199 280 /0500</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>grey DRE 4/8.ADO</td>
<td>J9NA 299 553 /0600</td>
<td>20</td>
</tr>
<tr>
<td>DIN 2 miniblock for ground wire connected to the mounting rail green body / yellow marking</td>
<td>grey DR 4/8.P.ADO</td>
<td>J9NA 299 632 /0500</td>
<td>100</td>
</tr>
</tbody>
</table>

* Notches to identify 8 mm spacing

### Accessories

#### End stop

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADRL</td>
<td>6.5 mm</td>
<td>J9NA 199 420 /2100</td>
<td>50</td>
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</tbody>
</table>

#### End section

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey V0</td>
<td>FEAD1</td>
<td>2.5 mm</td>
<td>J9NA 199 421 /1600</td>
</tr>
<tr>
<td>orange V0</td>
<td>FEAD1</td>
<td>2.5 mm</td>
<td>J9NA 199 422 /1700</td>
</tr>
</tbody>
</table>

#### Screwless jumper bar

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP 20 (2)</td>
<td>orange BJADO6.2</td>
<td>17.5 A</td>
<td>J9NA 205 974 /0600</td>
</tr>
<tr>
<td>2 poles</td>
<td>BJADO6.3</td>
<td>17.5 A</td>
<td>J9NA 205 975 /0700</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJADO6.4</td>
<td>17.5 A</td>
<td>J9NA 205 976 /0600</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJADO6.5</td>
<td>17.5 A</td>
<td>J9NA 205 977 /0700</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJADO6.6</td>
<td>17.5 A</td>
<td>J9NA 205 978 /0700</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJADO6.10</td>
<td>17.5 A</td>
<td>J9NA 205 982 /2700</td>
</tr>
</tbody>
</table>

#### Comb-type jumper bar

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td>PC8</td>
<td>50 A</td>
<td>J9NA 116 538 /1700</td>
</tr>
<tr>
<td>3 poles</td>
<td>PC8</td>
<td>50 A</td>
<td>J9NA 116 539 /1800</td>
</tr>
<tr>
<td>4 poles</td>
<td>PC8</td>
<td>50 A</td>
<td>J9NA 116 540 /2500</td>
</tr>
<tr>
<td>10 poles</td>
<td>PC8</td>
<td>50 A</td>
<td>J9NA 163 313 /2400</td>
</tr>
</tbody>
</table>

* Notches to identify 8 mm spacing

(1) Except for DR 4/8.P.ADO
(2) Except for DR 4/8...ADO
(3) Except for DR 4/6...ADO
Miniblocks
ADO - Screw clamp
Base mount with snap-in mounting foot

**DH 4/6.ADO - 1.5 mm² miniblocks - 6 mm .236" spacing**

### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw</th>
<th>IEC NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid 1 - 2.5 mm²</td>
<td>Solid</td>
<td>0.2 - 2 mm²</td>
<td>22-10 AWG</td>
<td></td>
</tr>
<tr>
<td>Stranded 1 - 2.5 mm²</td>
<td>Stranded</td>
<td>0.22 - 4 mm²</td>
<td>22-16 AWG</td>
<td></td>
</tr>
</tbody>
</table>

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base mount miniblocks grey with snap-in mounting blue</td>
<td>DH 4/6.ADO</td>
<td>199 521</td>
<td>100</td>
</tr>
<tr>
<td>foot orange</td>
<td>DH 4/6.N.ADO</td>
<td>199 523</td>
<td>100</td>
</tr>
<tr>
<td>Accessory End section grey V0</td>
<td>FEAD1</td>
<td>2.5 mm</td>
<td>199 421</td>
</tr>
<tr>
<td>orange V0</td>
<td>FEAD1</td>
<td>2.5 mm</td>
<td>199 422</td>
</tr>
<tr>
<td>Screwless jumper bar orange IP 20</td>
<td>BJADO6.2</td>
<td>17.5 A</td>
<td>205 974</td>
</tr>
<tr>
<td>2 poles</td>
<td>BJADO6.3</td>
<td>17.5 A</td>
<td>205 975</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJADO6.4</td>
<td>17.5 A</td>
<td>205 976</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJADO6.5</td>
<td>17.5 A</td>
<td>205 977</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJADO6.10</td>
<td>17.5 A</td>
<td>205 982</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJADO6.10</td>
<td>17.5 A</td>
<td>205 982</td>
</tr>
</tbody>
</table>

**DH 4/8.ADO - 2.5 mm² miniblocks - 8 mm .315" spacing**

### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw</th>
<th>IEC NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid 1 - 2.5 mm²</td>
<td>Solid</td>
<td>0.2 - 4 mm²</td>
<td>22-10 AWG</td>
<td></td>
</tr>
<tr>
<td>Stranded 1 - 2.5 mm²</td>
<td>Stranded</td>
<td>0.22 - 4 mm²</td>
<td>16-14 AWG</td>
<td></td>
</tr>
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</table>

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base mount miniblocks grey with snap-in mounting blue</td>
<td>DH 4/8.ADO</td>
<td>199 525</td>
<td>100</td>
</tr>
<tr>
<td>foot orange</td>
<td>DH 4/8.N.ADO</td>
<td>199 527</td>
<td>100</td>
</tr>
<tr>
<td>Accessory End section grey V0</td>
<td>FEAD1</td>
<td>2.5 mm</td>
<td>199 421</td>
</tr>
<tr>
<td>orange V0</td>
<td>FEAD1</td>
<td>2.5 mm</td>
<td>199 422</td>
</tr>
<tr>
<td>Screwless jumper bar orange IP 20</td>
<td>PCB</td>
<td>50 A</td>
<td>116 53</td>
</tr>
<tr>
<td>2 poles</td>
<td>PCB</td>
<td>50 A</td>
<td>116 53</td>
</tr>
<tr>
<td>3 poles</td>
<td>PCB</td>
<td>50 A</td>
<td>116 53</td>
</tr>
<tr>
<td>4 poles</td>
<td>PCB</td>
<td>50 A</td>
<td>116 53</td>
</tr>
<tr>
<td>5 poles</td>
<td>PCB</td>
<td>50 A</td>
<td>116 53</td>
</tr>
<tr>
<td>10 poles</td>
<td>PCB</td>
<td>50 A</td>
<td>163 313</td>
</tr>
</tbody>
</table>

* *Notches to identify 8 mm spacing*

---

**Accessories**

**DH 4/6.ADO**

- End section V0 grey:
  - FEAD1 2.5 mm
- End section V0 orange:
  - FEAD1 2.5 mm

**DH 4/8.ADO**

- End section V0 grey:
  - FEAD1 2.5 mm
- End section V0 orange:
  - FEAD1 2.5 mm

---

**Miniblocks with snap-in mounting foot**

- ADO - Screw clamp
- Base mount with snap-in mounting foot

---

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# Miniblocks ADO - Screw clamp

## Base mount with flanges

### DB 4/6.ADO - 1.5 mm² miniblocks - 6 mm .326" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm² / AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>0.2 - 4 mm²</td>
<td>22-10 AWG</td>
</tr>
<tr>
<td>Stranded</td>
<td>0.22 - 4 mm²</td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>0.36 - 1.5 mm²</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td>Stranded</td>
<td>0.34 - 1.5 mm²</td>
<td></td>
</tr>
<tr>
<td>Voltage V</td>
<td>800 V</td>
<td></td>
</tr>
<tr>
<td>Pulse kV</td>
<td>8 kV</td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>17.5 A</td>
<td>20 A</td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .374&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque (screw) Nm / lb.in</td>
<td>5.5-7.8 Nm / 4.4-7.1 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base mount miniblocks grey with flanges blue orange</td>
<td>DB 4/6.ADO DB 4/6.N.ADO DB 4/6.ADO</td>
<td>TSN9 299 505 65 01</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSN9 299 507 65 01</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSN9 299 506 65 00</td>
<td>100</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section flanges grey V0 orange V0</td>
<td>FEAD3 FEAD3</td>
<td>TSN9 199 437 16 00</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSN9 199 438 16 00</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screwless jumper bar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 poles</td>
<td>BJADO6.2 17.5 A</td>
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### DB 4/8.ADO - 2.5 mm² miniblocks - 8 mm .315" spacing

#### Characteristics

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<td>22-10 AWG</td>
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<td>Stranded</td>
<td>0.22 - 4 mm²</td>
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<tr>
<td>ADO</td>
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<tr>
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<td>1 - 2.5 mm²</td>
<td>16-14 AWG</td>
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<td>Voltage V</td>
<td>800 V</td>
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<td>Pulse kV</td>
<td>8 kV</td>
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<tr>
<td>Current A</td>
<td>24 A</td>
<td>25 A</td>
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<tr>
<td>Rated wire size mm² / AWG</td>
<td>2.5 mm²</td>
<td>14 AWG</td>
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<tr>
<td>Wire stripping length mm / inches</td>
<td>9.5 mm / .374&quot;</td>
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<tr>
<td>Recommended torque (screw) Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
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#### Selection

<table>
<thead>
<tr>
<th>Description</th>
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#### Accessories

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<td>PC8 50 A</td>
<td>TSN9 116 538 14 00</td>
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<td>3 poles</td>
<td>PC8 50 A</td>
<td>TSN9 116 539 14 00</td>
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<td>4 poles</td>
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<td>PC8 50 A</td>
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* Notches to identify 8 mm spacing
### D 1/5.ADO - 1 mm² blocks - 5 mm .198" spacing

#### Characteristics

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<th>Wire size</th>
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<tr>
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</tr>
<tr>
<td>Stranded</td>
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<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Short circuit current</th>
<th>Rated wire size</th>
</tr>
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<tbody>
<tr>
<td>V</td>
<td>A</td>
<td>A / s</td>
<td>mm² / AWG</td>
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<tr>
<td>1000</td>
<td>600</td>
<td>120 A/1s</td>
<td>1 mm² / 18 AWG</td>
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<tr>
<td>600</td>
<td>600</td>
<td>120 A/1s</td>
<td>18 AWG</td>
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#### Selection

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<th>Packaging Weight</th>
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<td>Standard block orange</td>
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<td>1SNA 199 554</td>
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<td>Standard block blue</td>
<td>D 1/5.N.ADO</td>
<td>1SNA 199 555</td>
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<td>Standard block black</td>
<td>D 1/5.ADO</td>
<td>1SNA 199 556</td>
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<tr>
<td>Standard block red</td>
<td>D 1/5.ADO</td>
<td>1SNA 199 557</td>
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<tr>
<td>Standard block yellow</td>
<td>D 1/5.ADO</td>
<td>1SNA 199 558</td>
<td>50</td>
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<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 1/5.PI.ADO</td>
<td>1SNA 399 184</td>
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</tbody>
</table>

#### Accessories

| End stop | BADL | 9 mm | 1SNA 399 903 | 50 |
| End section | FEMAD3 | grey | 3 mm | 1SNA 199 341 | 20 |
| Ground block | FEMAD3 | yellow | 3 mm | 1SNA 199 343 | 20 |
| Assembled jumper bar (with IP20 protection) | BJI5 | 2 poles | 24 A | 1SNA 176 278 | 10 |
| | BJI5 | 3 poles | 24 A | 1SNA 176 279 | 10 |
| | BJI5 | 4 poles | 24 A | 1SNA 176 280 | 10 |
| | BJI5 | 5 poles | 24 A | 1SNA 176 281 | 10 |
| | BJI5 | 10 poles | 24 A | 1SNA 176 282 | 10 |
| Screwless jumper bar | BJE5 | 2 poles | 20 A | 1SNA 199 227 | 100 |
| with IP20 | BJE5 | 3 poles | 20 A | 1SNA 199 228 | 10 |
| | BJE5 | 4 poles | 20 A | 1SNA 199 229 | 10 |
| | BJE5 | 5 poles | 20 A | 1SNA 199 230 | 10 |
| | BJE5 | 10 poles | 20 A | 1SNA 199 443 | 20 |
| Shield connector | CBM5 | 0.5 mm | 1SNA 178 745 | 50 |
| | CBM8 | 0.8 mm | 1SNA 178 746 | 50 |

### D 1/5.P.ADO - 1 mm² ground block with rail contact - 5 mm .198" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
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<tr>
<td>mm² / AWG</td>
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<tr>
<td>Solid</td>
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</tr>
<tr>
<td>Stranded</td>
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<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Short circuit current</th>
<th>Rated wire size</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>A / s</td>
<td>mm² / AWG</td>
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<tr>
<td></td>
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<td>120 A/1s</td>
<td>1 mm² / 18 AWG</td>
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<td>120 A/1s</td>
<td>18 AWG</td>
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#### Selection

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<th>Type</th>
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<th>Packaging Weight</th>
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<td>Ground block green body/yellow marking</td>
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<td>1SNA 399 031</td>
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</table>

#### Accessories

| End section | FEMAD3 | grey | 3 mm | 1SNA 199 341 | 20 |
| Ground block | FEMAD3 | yellow | 3 mm | 1SNA 199 343 | 20 |

---

**Contact Information**

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
### Feed through and ground terminal blocks

**Insulation displacement**

**ADO - ADO  **

**DIN 3**

#### D 1,5/6... ADO - 1.5 mm² blocks - 6 mm .238” spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
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<th>CSA</th>
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<tr>
<td>Stranded</td>
<td>0.34 - 1.5</td>
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<tr>
<td>Voltage V</td>
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<td>600</td>
<td>600</td>
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<tr>
<td>Current A</td>
<td>17.5</td>
<td>18</td>
<td>18</td>
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<tr>
<td>Short circuit current A / s</td>
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<tr>
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**Selection**

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<th>Packaging Weight kg</th>
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<td>Standard block orange</td>
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<tr>
<td>Standard block blue</td>
<td>D 1,5/6.N.ADO</td>
<td>1SNA 199 053</td>
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<td>Standard block black</td>
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<td>Standard block red</td>
<td>D 1,5/6.ADO</td>
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<tr>
<td>Standard block yellow</td>
<td>D 1,5/6.ADO</td>
<td>1SNA 199 089</td>
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<td>1SNA 199 054</td>
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**Accessories**

| End stop | BDL 9 mm | 1SNA 399 903 | 50 |
| End section grey | FEMAD3 3 mm | 1SNA 199 341 | 20 |
| End section yellow | FEMAD3 3 mm | 1SNA 199 343 | 20 |
| Assembled jumper bar (with IP20 protection) 2 poles | BJM6 32 A | 1SNA 176 663 | 10 |
| 3 poles | BJM6 32 A | 1SNA 176 664 | 10 |
| 4 poles | BJM6 32 A | 1SNA 176 665 | 10 |
| 5 poles | BJM6 32 A | 1SNA 176 666 | 10 |
| 10 poles | BJM6 32 A | 1SNA 176 667 | 10 |
| Screwless jumper bar IP20 | BJEE 6.2 17.5 A | 1SNA 299 694 | 100 |
| 3 poles | BJEE 6.3 17.5 A | 1SNA 299 695 | 70 |
| 4 poles | BJEE 6.4 17.5 A | 1SNA 299 696 | 50 |
| 5 poles | BJEE 6.5 17.5 A | 1SNA 299 697 | 40 |
| 10 poles | BJEE 6.10 17.5 A | 1SNA 299 702 | 20 |
| Shield connector | CBM5 0.5 mm | 1SNA 178 745 | 50 |
| | CBM8 0.8 mm | 1SNA 178 746 | 50 |

#### D 1,5/6.P.ADO - 1.5 mm² ground block with rail contact - 6 mm .198” spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw</th>
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<th>CSA</th>
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<tbody>
<tr>
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<td>Stranded</td>
<td>0.34 - 1.5</td>
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<td>Short circuit current A / s</td>
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**Selection**

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**Accessories**

| End section yellow | FEMAD3 3 mm | 1SNA 199 341 | 20 |
| End section grey | FEMAD3 3 mm | 1SNA 199 343 | 20 |
Feed through and ground terminal blocks
Insulation displacement

ADO - ADO  D IN 3

D 2,5/8... ADO - 2.5 mm² blocks - 8 mm .315" spacing

Characteristics

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2 wires of the same gage and nature per ADO connection

Selection

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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
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<td>Standard block blue</td>
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<td>1SNA 199 061</td>
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<tr>
<td>Standard block black</td>
<td>D 2,5/8.ADO</td>
<td>1SNA 199 089</td>
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<td>Standard block red</td>
<td>D 2,5/8.ADO</td>
<td>1SNA 199 087</td>
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<tr>
<td>Standard block yellow</td>
<td>D 2,5/8.ADO</td>
<td>1SNA 199 092</td>
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Accessories

| End stop | Badl | 9 mm | 1SNA 399 903 | 50 |
| End section grey | Femad3 | 3 mm | 1SNA 199 341 | 20 |
| End section yellow | Femad3 | 3 mm | 1SNA 199 343 | 20 |
| Assembled jumper bar (with IP20 protection) 2 poles | Bjm8 | 41 A | 1SNA 176 669 | 10 |
| 3 poles | Bjm8 | 41 A | 1SNA 176 670 | 10 |
| 4 poles | Bjm8 | 41 A | 1SNA 176 671 | 10 |
| 5 poles | Bjm8 | 41 A | 1SNA 176 672 | 10 |
| 10 poles | Bjm8 | 41 A | 1SNA 176 673 | 10 |
| Screwless jumper bar IP20 2 poles | Bje8.2 | 41 A | 1SNA 299 712 | 15 |
| 3 poles | Bje8.3 | 41 A | 1SNA 299 713 | 50 |
| 4 poles | Bje8.4 | 41 A | 1SNA 299 714 | 30 |
| 5 poles | Bje8.5 | 41 A | 1SNA 299 715 | 30 |
| 10 poles | Bje8.10 | 41 A | 1SNA 299 720 | 10 |

D 2,5/8.P.ADO - 2.5 mm² ground block with rail contact - 8 mm .315" spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>Solid</th>
<th>Stranded</th>
<th>ADO</th>
<th>Solid</th>
<th>Stranded</th>
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<tr>
<td>mm² / AWG</td>
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<tr>
<td>Short circuit current (D 2,5/8.PI.ADO) A / s</td>
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2 wires of the same gage and nature per ADO connection

Selection

<table>
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<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

Accessories

| End section yellow | Femad3 | 3 mm | 1SNA 199 343 | 20 |
| End section grey | Femad3 | 3 mm | 1SNA 199 341 | 20 |
### Feed through and ground terminal blocks

**Insulation displacement**

**ADO - ADO ⚪ DIN 3**

#### D 4/8.ADO - 4 mm² blocks - 8 mm .315” spacing

<table>
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<th>IEC</th>
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<tbody>
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<tr>
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<td>12 AWG</td>
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<tr>
<td>Voltage V</td>
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<td>Current A</td>
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</tr>
<tr>
<td>Short circuit current (D 4/8.PI.ADO) A / s</td>
<td>480 A / s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
</tbody>
</table>

Only one wire per ADO connection

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 4/8.ADO</td>
<td>TSNA 399 244</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 4/8.N.ADO</td>
<td>TSNA 399 318</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 4/8.ADO</td>
<td>TSNA 399 801</td>
<td>50</td>
</tr>
<tr>
<td>Ground block yellow body/ green marking (without rail contact)</td>
<td>D 4/8.PI.ADO</td>
<td>TSNA 399 272</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Accessories

| End stop                                          | BDL           | 9 mm         | TSNA 399 903 | 50 |
| End section                                      | grey          | FEMAD3       | 3 mm         | 20 |
|                                                   | yellow        | FEMAD3       | 3 mm         | 20 |
| Assembled jumper bar (with IP20 protection)      | BJMI8         | 41 A         | 10            |
| 2 poles                                          | BJMI8         | 41 A         | 10            |
| 3 poles                                          | BJMI8         | 41 A         | 10            |
| 4 poles                                          | BJMI8         | 41 A         | 10            |
| 5 poles                                          | BJMI8         | 41 A         | 10            |
| 10 poles                                         | BJMI8         | 41 A         | 10            |
| Screwless jumper bar IP20                        | BJEB.2        | 41 A         | 15            |
| 2 poles                                          | BJEB.3        | 41 A         | 50            |
| 3 poles                                          | BJEB.4        | 41 A         | 30            |
| 4 poles                                          | BJEB.5        | 41 A         | 30            |
| 5 poles                                          | BJEB.10       | 41 A         | 10            |

#### D 4/8.P.ADO - 4 mm² ground block with rail contact - 8 mm .315” spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm² / AWG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screw</td>
<td>Solid</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
<tr>
<td>ADO</td>
<td>Solid</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Short circuit current (D 4/8.PI.ADO) A / s</td>
<td>480 A / s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
<td>12 AWG</td>
</tr>
</tbody>
</table>

Only one wire per ADO connection

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground block green body/yellow marking</td>
<td>D 4/8.P.ADO</td>
<td>TSNA 399 250</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Accessories

| End section                                      | grey          | FEMAD3       | 3 mm         | 20 |
|                                                   | yellow        | FEMAD3       | 3 mm         | 20 |
Feed through terminal blocks - Double deck insulation displacement

ADO - ADO \( \uparrow \) DIN 3

D 1.5/6.D2.ADO - 1.5 mm\(^2\) blocks - 6 mm .238" spacing

### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm(^2) / AWG</th>
<th>Screw</th>
<th>Solid (ADO) 0.28 - 1.5</th>
<th>Stranded (ADO) 0.34 - 1.5</th>
<th>Voltage V</th>
<th>Current A</th>
<th>Rated wire size mm(^2) / AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td></td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
<td>800</td>
<td>17.5</td>
<td>1.5 mm(^2) 16 AWG</td>
</tr>
<tr>
<td>Stranded</td>
<td></td>
<td></td>
<td></td>
<td>300</td>
<td>18</td>
<td>1.5 mm(^2) 16 AWG</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>300</td>
<td>18</td>
<td>1.5 mm(^2) 16 AWG</td>
</tr>
</tbody>
</table>

2 wires of the same gage and nature per ADO connection

### Selection

#### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>B 1.5/6.D2.ADO</td>
<td>1SNA 199 480</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>B 1.5/6.D2.ADO</td>
<td>1SNA 199 481</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>B 1.5/6.D2.N.ADO</td>
<td>1SNA 199 482</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADH</td>
<td>116 900</td>
<td>50</td>
</tr>
<tr>
<td>End section</td>
<td>FED2AD2</td>
<td>199 476</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>BJM6</td>
<td>176 663</td>
<td>10</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM6</td>
<td>176 664</td>
<td>10</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJM6</td>
<td>176 665</td>
<td>10</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJM6</td>
<td>176 666</td>
<td>10</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJM6</td>
<td>176 667</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screwless jumper bar orange IP20</td>
<td>BJM6.2</td>
<td>176 694</td>
<td>100</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM6.3</td>
<td>176 695</td>
<td>70</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJM6.4</td>
<td>176 696</td>
<td>50</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJM6.5</td>
<td>176 697</td>
<td>40</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJM6.10</td>
<td>176 702</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shield connector</td>
<td>CBD2S</td>
<td>178 408</td>
<td>50</td>
</tr>
</tbody>
</table>
Terminal blocks - Insulation displacement
For sensors / actuators
ADO - ADO  DIN 3

D 1/5.C....ADO - 1 mm² blocks - 5 mm .197" spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Voltage</th>
<th>Current</th>
<th>Rated wire size</th>
<th>Wire stripping length</th>
<th>Recommended torque screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>V</td>
<td>A</td>
<td>mm² / AWG</td>
<td>mm / inches</td>
<td>Nm / lb.in</td>
</tr>
<tr>
<td>Solid</td>
<td>250</td>
<td>13.5</td>
<td>1 mm²</td>
<td>0.2 - 1</td>
<td>0.22 - 1</td>
</tr>
<tr>
<td>Stranded</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Only one wire per ADO connection

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 1/5.C3.ADO</td>
<td>15NA 399 686 /00 (X)</td>
<td>50</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>D 1/5.C3.ADO</td>
<td>15NA 399 689 /13 (X)</td>
<td>50</td>
</tr>
<tr>
<td>Standard block grey</td>
<td>D 1/5.C4.ADO</td>
<td>15NA 399 692 /06 (X)</td>
<td>50</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>BADL</th>
<th>9 mm</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section kit</td>
<td>FED5.C2.ADO</td>
<td></td>
<td>15NA 399 677 /16 (X)</td>
<td>20</td>
</tr>
<tr>
<td>grey</td>
<td>FED5.C3.ADO</td>
<td></td>
<td>15NA 399 678 /27 (X)</td>
<td>20</td>
</tr>
<tr>
<td>grey</td>
<td>FED5.C4.ADO</td>
<td></td>
<td>15NA 399 679 /20 (X)</td>
<td>20</td>
</tr>
<tr>
<td>Comb type jumper bar</td>
<td>PC52.10</td>
<td>10 poles</td>
<td>15NA 399 684 /06 (X)</td>
<td>10</td>
</tr>
<tr>
<td>blue</td>
<td>PC52.10</td>
<td>10 poles</td>
<td>15NA 399 685 /07 (X)</td>
<td>10</td>
</tr>
<tr>
<td>red</td>
<td>PC52.10</td>
<td>10 poles</td>
<td>15NA 399 686 /05 (X)</td>
<td>10</td>
</tr>
<tr>
<td>green/yellow</td>
<td>PC52.10</td>
<td>10 poles</td>
<td>15NA 399 687 /06 (X)</td>
<td>10</td>
</tr>
<tr>
<td>blue</td>
<td>PC52.66</td>
<td>66 poles</td>
<td>15NA 399 707 /16 (X)</td>
<td>10</td>
</tr>
<tr>
<td>red</td>
<td>PC52.66</td>
<td>66 poles</td>
<td>15NA 399 708 /26 (X)</td>
<td>10</td>
</tr>
<tr>
<td>green/yellow</td>
<td>PC52.66</td>
<td>66 poles</td>
<td>15NA 399 709 /27 (X)</td>
<td>10</td>
</tr>
</tbody>
</table>

* End section kit includes:
- 1 right end section
- 1 left end section
- 1 marker-holder
Heavy duty switch terminal blocks with blade insulation displacement
ADO - ADO \( \sim \) DIN 3

### D 1/5.SNT2.ADO - 1 mm\(^2\) blocks - 5 mm .200" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm(^2) / AWG</th>
<th>Screw</th>
<th>Solid</th>
<th>Stranded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage V</td>
<td>24-18 AWG</td>
<td>24-18 AWG</td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

**Rated wire size mm\(^2\) / AWG**

<table>
<thead>
<tr>
<th>1 mm(^2) / 18 AWG</th>
<th>18 AWG</th>
</tr>
</thead>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 1/5.SNT2.ADO</td>
<td>199 231</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 1/5.SNT2.ADO</td>
<td>199 232</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- End stop BADL 9 mm | 199 903 | 50
- End section grey orange FEDAD5 2 mm | 199 354 | 20
- Shielding connector CDB2 0.8 mm (1) | 179 635 | 50

**Notes**

- (2) Only for D 1/5.SNT2.ADO

### D 1,5/6.SNT2.ADO - 1.5 mm\(^2\) blocks - 6 mm .238" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm(^2) / AWG</th>
<th>Screw</th>
<th>Solid</th>
<th>Stranded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage V</td>
<td>22-16 AWG</td>
<td>22-16 AWG</td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>10</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

**Rated wire size mm\(^2\) / AWG**

<table>
<thead>
<tr>
<th>1.5 mm(^2) / 16 AWG</th>
<th>16 AWG</th>
</tr>
</thead>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 1,5/6.SNT2.ADO</td>
<td>199 144</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 1,5/6.SNT2.ADO</td>
<td>199 145</td>
<td>50</td>
</tr>
<tr>
<td>Standard block blue</td>
<td>D 1,5/6.SNT2.ADO</td>
<td>199 591</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- Screwless jumper bar orange IP20 2 poles | 195 955 | 20
- Screwless jumper bar orange IP20 3 poles | 195 956 | 20
- Screwless jumper bar orange IP20 4 poles | 195 957 | 20
- Screwless jumper bar orange IP20 5 poles | 195 958 | 20
- Screwless jumper bar orange IP20 10 poles | 195 963 | 10

**Notes**

- (3) Only for D 1,5/6.SNT2.ADO

### D 2,5/8.SNT2.ADO - 2.5 mm\(^2\) blocks - 8 mm .315" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size mm(^2) / AWG</th>
<th>Screw</th>
<th>Solid</th>
<th>Stranded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage V</td>
<td>16-14 AWG</td>
<td>16-14 AWG</td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>15</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

**Rated wire size mm\(^2\) / AWG**

<table>
<thead>
<tr>
<th>2.5 mm(^2) / 16 AWG</th>
<th>16 AWG</th>
</tr>
</thead>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/8.SNT2.ADO</td>
<td>199 231</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 2,5/8.SNT2.ADO</td>
<td>199 232</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- Screwless jumper bar orange IP20 2 poles | 195 974 | 20
- Screwless jumper bar orange IP20 3 poles | 195 975 | 20
- Screwless jumper bar orange IP20 4 poles | 195 976 | 20
- Screwless jumper bar orange IP20 5 poles | 195 977 | 20
- Screwless jumper bar orange IP20 10 poles | 195 982 | 10

**Notes**

- (1) Except for D 2,5/8.SNT2.ADO

**Notes**

- (1) Except for D 2,5/8.SNT2.ADO

- (2) Only for D 1/5.SNT2.ADO

- (3) Only for D 1,5/6.SNT2.ADO

**Notes**

- (1) Except for D 2,5/8.SNT2.ADO

- (2) Only for D 1/5.SNT2.ADO

- (3) Only for D 1,5/6.SNT2.ADO

**Notes**

- (1) Except for D 2,5/8.SNT2.ADO

- (2) Only for D 1/5.SNT2.ADO

- (3) Only for D 1,5/6.SNT2.ADO
Fuse holder terminal blocks for fuses 5x20 mm .197x.787 in. and 5x25 mm .197x.984 in. ADO - ADO $r$ DIN 3

**Characteristics**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 1,5/8.SFT.ADO</td>
<td>TSNA 199 208</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 1,5/8.SFT.ADO</td>
<td>TSNA 199 209</td>
<td>50</td>
</tr>
</tbody>
</table>

*With DIA. 2 or 2.3 mm screw test socket for test*

**D 1,5/8.SFT.ADO - 1.5 mm² blocks - 8 mm .315” spacing**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>Screw</th>
<th>Solid</th>
<th>Stranded</th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td></td>
<td>0.34 - 1.5</td>
<td>0.34 - 1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage V</td>
<td>630 (1)</td>
<td>600 (1)</td>
<td>600 (1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>6.3</td>
<td>8</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
<td>16 AWG</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2 wires of the same gage and nature per ADO connection

(1) Terminal block insulation voltage. Working voltage according to fuse.

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey (2)</td>
<td>D 1,5/8.SFL.T.ADO</td>
<td>TSNA 199 211</td>
<td>50</td>
</tr>
<tr>
<td>Standard block grey (3)</td>
<td>D 1,5/8.SFDT.ADO</td>
<td>TSNA 199 212</td>
<td>50</td>
</tr>
</tbody>
</table>

*With DIA. 2 or 2.3 mm screw test socket for test*

(2) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp < 0.5 mA (110 V) - < 0.7 mA (230 V)).

(3) Blown-fuse indicator by LED 24 V ( +24V labeled) (leakage current with LED 24 V or 48 V < 4.5 mA).

**Accessories**

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADL</td>
<td>9 mm</td>
<td>TSNA 399 903</td>
<td>50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>End section</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey</td>
<td>FEDAD7</td>
<td>TSNA 199 382</td>
<td>20</td>
</tr>
</tbody>
</table>
### Fuse holder terminal blocks for fuses

5x20 mm .197x.787 in. and 5x25 mm .197x.984 in.

ADO - ADO  ⊗  DIN 3

---

#### D 2,5/8.SFT.ADO2 - 2.5 mm² blocks - 8 mm .315° spacing

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/8.SFT.ADO2</td>
<td>199 184</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange</td>
<td>D 2,5/8.SFT.ADO2</td>
<td>199 185</td>
<td>50</td>
</tr>
</tbody>
</table>

For test sockets DIA. 2 or DIA. 2.3 mm.

#### D 2,5/8.SFN.T.ADO2 - 2.5 mm² blocks - 8 mm .315° spacing

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey (2)</td>
<td>D 2,5/8.SFDT.ADO2</td>
<td>199 186</td>
<td>50</td>
</tr>
<tr>
<td>Standard block orange (3)</td>
<td>D 2,5/8.SFIT.ADO2</td>
<td>199 187</td>
<td>50</td>
</tr>
</tbody>
</table>

With DIA. 2 or 2.3 mm screw test socket for test

(1) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp < 0.5 mA (110 V) - < 0.7 mA (230 V)).

(2) Blown-fuse indicator by LED 24 V (+24V labeled) (leakage current with LED 24 V or 48 V < 4.5 mA).

#### D 2,5/8.SNN.T.ADO2 - 2.5 mm² blocks - 8 mm .315° spacing

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block grey</td>
<td>D 2,5/8.SNNT.ADO2</td>
<td>199 188</td>
<td>50</td>
</tr>
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</table>

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#### Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / AWG</th>
<th>Screw</th>
<th>Solid</th>
<th>ADO</th>
<th>Solid</th>
<th>1 - 2.5</th>
<th>16-14 AWG</th>
<th>Stranded</th>
<th>1 - 2.5</th>
<th>16-14 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage V</td>
<td>630 (1)</td>
<td>600 (1)</td>
<td>600 (1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>6.3</td>
<td>10</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>2.5 mm²</td>
<td>14 AWG</td>
<td>14 AWG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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#### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADL</td>
<td>9 mm</td>
<td>199 903</td>
</tr>
<tr>
<td>End section</td>
<td>FEDAD7</td>
<td>1.5 mm</td>
<td>199 382</td>
</tr>
</tbody>
</table>
Miniblocks
Insulation displacement (ADO)

Miniblock mounting and accessories

Rail mounting DIN 2 and DIN 3
DIN 2 : DR...ADO - DIN 3 : DS...ADO

At the end of the terminal block assembly:
- **End section**: (same accessory for any type of terminal block assembly)
  - FEAD1 : V/ADO
  - FEAD2 : ADO/ADO

- **End terminal block**:
  - DRE... ADO (DIN2)
  - DSE... ADO (DIN3)

This terminal block has to be mounted at the end of the terminal block assembly: it reduces its size, because it suppresses the insulation rib (~ 4 mm).

**Nota**: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes).

In the terminal block assembly:
- **Separator**: (same accessory for any type of terminal block assembly)
  - FEADS : V/ADO
  - FEAD6 : ADO/ADO

Accessory which snaps on the terminal blocks, separates and makes visible the different parts of the terminal block assembly.

Base mounting

Snap on : DH...ADO

With flanges : DB...ADO
Miniblocks
Insulation displacement
ADO - ADO  D  DIN 3

DS 1,5/6.ADO - 1.5 mm² miniblocks - 6 mm .236" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC</th>
<th>ADO</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm² / AWG</td>
<td>Solid 0.28 - 1.5 mm²</td>
<td>22-16 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded 0.34 - 1.5 mm²</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 3 miniblocks</td>
<td>grey</td>
<td>1SNA 299 497</td>
<td>100</td>
</tr>
<tr>
<td>blue</td>
<td>1SNA 299 499</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>orange</td>
<td>1SNA 299 498</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>grey</td>
<td>1SNA 299 558</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

Accessories

| End stop V0       | BADL 9 mm     | 1SNA 399 903 | 50                 |
|                   | grey          | 1SNA 199 423 | 20                 |
|                   | orange        | 1SNA 199 424 | 20                 |
| Screwless jumper bar | orange       |               |                    |
|                   | 2 poles       | 1SNA 205 974 | 20                 |
|                   | 3 poles       | 1SNA 205 975 | 20                 |
|                   | 4 poles       | 1SNA 205 976 | 20                 |
|                   | 5 poles       | 1SNA 205 977 | 20                 |
|                   | 10 poles      | 1SNA 205 982 | 10                 |

DS 2,5/8.ADO - 2.5 mm² miniblocks - 8 mm .315" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC</th>
<th>ADO</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm² / AWG</td>
<td>Solid 1 - 2.5 mm²</td>
<td>16-14 AWG</td>
</tr>
<tr>
<td></td>
<td>Stranded 1 - 2.5 mm²</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 3 miniblocks</td>
<td>grey</td>
<td>1SNA 299 501</td>
<td>100</td>
</tr>
<tr>
<td>blue</td>
<td>1SNA 299 503</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>orange</td>
<td>1SNA 299 502</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>grey</td>
<td>1SNA 299 559</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

Accessories

| End stop V0       | BADL 9 mm     | 1SNA 399 903 | 50                 |
|                   | grey          | 1SNA 199 423 | 20                 |
|                   | orange        | 1SNA 199 424 | 20                 |

* Notches to identify 8 mm spacing
Feed through and ground miniblocks
Insulation displacement

ADO - ADO  ~  DIN 2

**DR 1/5.ADO - 1 mm² miniblocks - 5 mm .198” spacing**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm²</td>
<td>AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>0.2 - 1 mm²</td>
<td>ADO</td>
<td></td>
<td>24-18 AWG</td>
</tr>
<tr>
<td>Stranded</td>
<td>0.22 - 1 mm²</td>
<td>ADO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V</td>
<td>1000 V</td>
<td></td>
<td></td>
<td>600 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>8 kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>13.5 A</td>
<td></td>
<td></td>
<td>10 A</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm²</td>
<td>AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td>1 mm²</td>
<td>18 AWG</td>
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**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 2 miniblocks</td>
<td>grey</td>
<td>1SNA 399 491/25/00</td>
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</tr>
<tr>
<td>blue</td>
<td>DR 1/5/6.ADO</td>
<td>1SNA 399 493/27/00</td>
<td>100</td>
</tr>
<tr>
<td>orange</td>
<td>DR 1/5/6.ADO</td>
<td>1SNA 399 492/20/00</td>
<td>100</td>
</tr>
<tr>
<td>grey</td>
<td>DRE 1,5/6.ADO</td>
<td>1SNA 399 495/21/00</td>
<td>20</td>
</tr>
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</table>

**DR 1,5/6.ADO - 1.5 mm² miniblocks - 6 mm .236” spacing**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm²</td>
<td>AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>0.28 - 1.5 mm²</td>
<td>ADO</td>
<td></td>
<td>22-16 AWG</td>
</tr>
<tr>
<td>Stranded</td>
<td>0.34 - 1.5 mm²</td>
<td>ADO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V</td>
<td>1000 V</td>
<td></td>
<td></td>
<td>600 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>A</td>
<td>8 kV</td>
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<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>17.5 A</td>
<td></td>
<td></td>
<td>20 A</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm²</td>
<td>AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
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**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 2 miniblocks</td>
<td>grey</td>
<td>1SNA 199 283/24/00</td>
<td>100</td>
</tr>
<tr>
<td>blue</td>
<td>DR 1,5/6.ADO</td>
<td>1SNA 199 285/26/00</td>
<td>100</td>
</tr>
<tr>
<td>orange</td>
<td>DR 1,5/6.ADO</td>
<td>1SNA 199 284/25/00</td>
<td>100</td>
</tr>
<tr>
<td>grey</td>
<td>DRE 1,5/6.ADO</td>
<td>1SNA 299 554/07/00</td>
<td>20</td>
</tr>
</tbody>
</table>

**DR 2,5/8.ADO - 2,5 mm² miniblock - 8 mm .315” spacing**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm²</td>
<td>AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>1 - 2.5 mm²</td>
<td>ADO</td>
<td></td>
<td>16-14 AWG</td>
</tr>
<tr>
<td>Stranded</td>
<td>1 - 2.5 mm²</td>
<td>ADO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V</td>
<td>1000 V</td>
<td></td>
<td></td>
<td>600 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>8 kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>24 A</td>
<td></td>
<td></td>
<td>25 A</td>
</tr>
<tr>
<td>Current short-circuit</td>
<td>A</td>
<td>300 A / 1 s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm²</td>
<td>AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADO</td>
<td>2.5 mm²</td>
<td>14 AWG</td>
<td></td>
<td></td>
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**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 2 miniblocks</td>
<td>grey</td>
<td>1SNA 199 287/20/00</td>
<td>100</td>
</tr>
<tr>
<td>blue</td>
<td>DR 2,5/8.ADO</td>
<td>1SNA 199 288/20/00</td>
<td>100</td>
</tr>
<tr>
<td>orange</td>
<td>DR 2,5/8.ADO</td>
<td>1SNA 199 286/04/00</td>
<td>100</td>
</tr>
<tr>
<td>grey</td>
<td>DRE 2,5/8.ADO</td>
<td>1SNA 299 555/00/00</td>
<td>20</td>
</tr>
<tr>
<td>DIN 2 miniblock for ground wire connected to the mounting rail green body / yellow marking</td>
<td>DR 2,5/8.P.ADO</td>
<td>1SNA 299 633/06/00</td>
<td>100</td>
</tr>
</tbody>
</table>

* Notches to identify 8 mm spacing

**Accessories**

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<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADRL</td>
<td>1SA 199 420/21/00</td>
<td>50</td>
</tr>
<tr>
<td>End section V5</td>
<td>FEAD2</td>
<td>1SA 199 423/45/00</td>
<td>20</td>
</tr>
<tr>
<td>Screwless jumper bar IP 20 (for DR 1,5/6.ADO only)</td>
<td>BJDADO6.2</td>
<td>1SA 205 974/00/00</td>
<td>20</td>
</tr>
<tr>
<td>2 poles</td>
<td>BJDADO6.3</td>
<td>1SA 205 975/07/00</td>
<td>20</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJDADO6.4</td>
<td>1SA 205 976/00/00</td>
<td>20</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJDADO6.5</td>
<td>1SA 205 977/00/00</td>
<td>20</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJDADO6.10</td>
<td>1SA 205 982/02/00</td>
<td>10</td>
</tr>
</tbody>
</table>

ABB Entrellec

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
**Miniblocks**

**ADO - ADO**

Base mount with snap-in mounting foot

### DH 1,5/6.ADO - 1.5 mm² miniblocks - 6 mm .236" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid 0.28 - 1.5 mm²</td>
<td>22-16 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stranded 0.34 - 1.5 mm²</td>
<td>16 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>1030 V</td>
<td>600 V</td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>8 kV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>17.5 A</td>
<td>20 A</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>1.5 mm²</td>
<td>16 AWG</td>
<td></td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base mount miniblocks grey</td>
<td>DH 1,5/6.ADO</td>
<td>1SNA 299 529</td>
<td>100 kg</td>
</tr>
<tr>
<td>with snap-in mounting blue</td>
<td>DH 1,5/6.ADO</td>
<td>1SNA 299 531</td>
<td>100 kg</td>
</tr>
<tr>
<td>foot orange</td>
<td>DH 1,5/6.ADO</td>
<td>1SNA 299 530</td>
<td>100 kg</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>End section</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey V0</td>
<td>FEAD2 2.5 mm</td>
<td>1SNA 199 423</td>
<td>20 kg</td>
</tr>
<tr>
<td>orange V0</td>
<td>FEAD2 2.5 mm</td>
<td>1SNA 199 424</td>
<td>20 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screwless jumper bar IP 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
</tr>
<tr>
<td>3 poles</td>
</tr>
<tr>
<td>4 poles</td>
</tr>
<tr>
<td>5 poles</td>
</tr>
<tr>
<td>10 poles</td>
</tr>
</tbody>
</table>

### DH 2,5/8.ADO - 2.5 mm² miniblocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>NFC</th>
<th>DIN</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Solid 1 - 2.5 mm²</td>
<td>16-14 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stranded 1 - 2.5 mm²</td>
<td>14 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800 V</td>
<td>600 V</td>
<td></td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>8 kV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>24 A</td>
<td>25 A</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>14 AWG</td>
<td></td>
</tr>
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#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Base mount miniblocks grey</td>
<td>DH 2,5/8.ADO</td>
<td>1SNA 299 533</td>
<td>100 kg</td>
</tr>
<tr>
<td>with snap-in mounting blue</td>
<td>DH 2,5/8.ADO</td>
<td>1SNA 299 535</td>
<td>100 kg</td>
</tr>
<tr>
<td>foot orange</td>
<td>DH 2,5/8.ADO</td>
<td>1SNA 299 534</td>
<td>100 kg</td>
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* Notches to identify 8 mm spacing

#### Accessories

<table>
<thead>
<tr>
<th>End section</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
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<tbody>
<tr>
<td>grey V0</td>
<td>FEAD2 2.5 mm</td>
<td>1SNA 199 423</td>
<td>20 kg</td>
</tr>
<tr>
<td>orange V0</td>
<td>FEAD2 2.5 mm</td>
<td>1SNA 199 424</td>
<td>20 kg</td>
</tr>
</tbody>
</table>
### Miniblocks

**ADO - ADO**

Base mount with flanges

#### DB 1,5/6.ADO - 1,5 mm² miniblocks - 6 mm .236" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>ADO</td>
<td>Solid 0.28 - 1.5 mm²</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.34 - 1.5 mm²</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>1000 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>8 kV</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>17.5 A</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>1.5 mm²</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base mount miniblocks</td>
<td>grey</td>
<td>DB 1,5/6.ADO</td>
<td>TSN9 295 15</td>
</tr>
<tr>
<td>with flanges</td>
<td>blue</td>
<td>DB 1,5/6.N.ADO</td>
<td>TSN9 295 15</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>DB 1,5/6.ADO</td>
<td>TSN9 295 14</td>
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**Accessories**

<table>
<thead>
<tr>
<th>End section flanges</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey (right + left)</td>
<td>FEAD4</td>
<td>TSN9 199 439</td>
<td>20</td>
</tr>
<tr>
<td>orange</td>
<td>FEAD4</td>
<td>TSN9 199 440</td>
<td>06</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screwless jumper bar</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP 20 2 poles</td>
<td>BJADO6.2</td>
<td>TSN9 205 974</td>
<td>06</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJADO6.3</td>
<td>TSN9 205 975</td>
<td>07</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJADO6.4</td>
<td>TSN9 205 976</td>
<td>00</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJADO6.5</td>
<td>TSN9 205 977</td>
<td>01</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJADO6.10</td>
<td>TSN9 205 982</td>
<td>27</td>
</tr>
</tbody>
</table>

### DB 2,5/8.ADO - 2,5 mm² miniblocks - 8 mm .315" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>IEC</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>ADO</td>
<td>Solid 0.28 - 1.5 mm²</td>
</tr>
<tr>
<td></td>
<td>Stranded</td>
<td>0.34 - 1.5 mm²</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>800 V</td>
</tr>
<tr>
<td>Pulse</td>
<td>kV</td>
<td>10 kV</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>13.5 A</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base mount miniblocks</td>
<td>grey</td>
<td>DB 2,5/8.ADO</td>
<td>TSN9 295 17</td>
</tr>
<tr>
<td>with flanges</td>
<td>blue</td>
<td>DB 2,5/8.N.ADO</td>
<td>TSN9 295 19</td>
</tr>
<tr>
<td></td>
<td>orange</td>
<td>DB 2,5/8.ADO</td>
<td>TSN9 295 18</td>
</tr>
</tbody>
</table>

* Notches to identify 8 mm spacing

**Accessories**

<table>
<thead>
<tr>
<th>End section flanges</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>grey (right + left)</td>
<td>FEAD4</td>
<td>TSN9 199 439</td>
<td>20</td>
</tr>
<tr>
<td>orange</td>
<td>FEAD4</td>
<td>TSN9 199 440</td>
<td>06</td>
</tr>
</tbody>
</table>
# Accessories

## Insulation displacement (ADO)

### Tools and test connectors

#### Tools

- Connection time savings
- Connection security
- Vibration proof
- Corrosion proof

1. Position the wire (not stripped) in the opening on the side of the block.
2. Position the tool in the recess on top of the block.
3. Pull the trigger fully.

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semi-automatic tool</td>
<td>OUPAD</td>
<td>1SNA 178 944 R0400</td>
<td>1</td>
</tr>
<tr>
<td>Wire extractor</td>
<td>EXAD</td>
<td>1SNA 178 646 R1100</td>
<td>1</td>
</tr>
<tr>
<td>Replacement head kit</td>
<td>OUTA</td>
<td>1SNA 205 284 R0300</td>
<td>1</td>
</tr>
<tr>
<td>Hand tool kit</td>
<td>OUMAD</td>
<td>1SNA 179 466 R0600</td>
<td>1</td>
</tr>
<tr>
<td>Pneumatic tool kit</td>
<td>OUTAD</td>
<td>1SNA 206 710 R1100</td>
<td>1</td>
</tr>
<tr>
<td>Extraction tool kit</td>
<td>EXAD2</td>
<td>1SNA 206 721 R0000</td>
<td>1</td>
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</tbody>
</table>

#### Test connectors on ADO jaw for terminal blocks

<table>
<thead>
<tr>
<th>Test connectors on ADO jaw</th>
<th>CEADO,5 spacing 5 mm</th>
<th>CEADO,6 spacing 6 mm</th>
<th>CEADO,8 spacing 8 mm</th>
<th>CEADO,E th. 4.4 mm</th>
<th>Assembly rod for lever</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order P/N</td>
<td>1SNA 399 345 R1100</td>
<td>1SNA 399 346 R1200</td>
<td>1SNA 399 348 R1400</td>
<td>1SNA 399 341 R1500</td>
<td>1SNA 206 277 R1400</td>
</tr>
<tr>
<td>Packaging Weight kg</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

---

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Power terminal blocks

DIN 3 with bistable foot and base mounting

D 35/27.FF - 35 mm² blocks - 27 mm 1.06" spacing

**Characteristics**

<table>
<thead>
<tr>
<th><strong>Wire size</strong></th>
<th><strong>IEC</strong></th>
<th><strong>DIN</strong></th>
<th><strong>UL / CSA</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>mm² / AWG</td>
<td>mm² / AWG</td>
<td>mm² / AWG</td>
</tr>
<tr>
<td>Lug</td>
<td>6 - 95</td>
<td>6 - 70</td>
<td>6 - 70</td>
</tr>
<tr>
<td>Central screw</td>
<td>6 mm Allen key</td>
<td>6 mm Allen key</td>
<td>6 mm Allen key</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block 2 studs M6 without cover</td>
<td>D 35/27.FF</td>
<td>1SNA 190 001</td>
<td>10</td>
</tr>
<tr>
<td>Block 2 studs M6 delivered with two covers</td>
<td>D35/27.FF</td>
<td>1SNA 190 033</td>
<td>10</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADH 12 mm</td>
<td>1SNA 116 900</td>
<td>50</td>
</tr>
<tr>
<td>Rotating protective cover IP20 V0 grey</td>
<td>CPUF35</td>
<td>1SNA 190 016</td>
<td>10</td>
</tr>
<tr>
<td>Jumper bar with CHc screw</td>
<td>BJS27</td>
<td>1SNA 205 772</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>1SNA 205 773</td>
<td>5</td>
</tr>
</tbody>
</table>

D 70/32.FF - 70 mm² blocks - 32 mm 1.26" spacing

**Characteristics**

<table>
<thead>
<tr>
<th><strong>Wire size</strong></th>
<th><strong>IEC</strong></th>
<th><strong>DIN</strong></th>
<th><strong>UL / CSA</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td>mm² / AWG</td>
<td>mm² / AWG</td>
<td>mm² / AWG</td>
</tr>
<tr>
<td>Lug</td>
<td>6 - 95</td>
<td>6 - 70</td>
<td>000 AWG max.</td>
</tr>
<tr>
<td>Central screw</td>
<td>6 mm Allen key</td>
<td>6 mm Allen key</td>
<td>6 mm Allen key</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block 2 studs M8 without cover</td>
<td>D 70/32.FF</td>
<td>1SNA 190 002</td>
<td>10</td>
</tr>
<tr>
<td>Block 2 studs M8 delivered with two covers</td>
<td>D 70/32.FF</td>
<td>1SNA 190 034</td>
<td>10</td>
</tr>
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</table>

**Accessories**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADH 12 mm</td>
<td>1SNA 116 900</td>
<td>50</td>
</tr>
<tr>
<td>Rotating protective cover IP20 V0 grey</td>
<td>CPUF70</td>
<td>1SNA 190 017</td>
<td>10</td>
</tr>
<tr>
<td>Jumper bar with CHc screw</td>
<td>BJS32</td>
<td>1SNA 205 774</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>1SNA 205 775</td>
<td>5</td>
</tr>
</tbody>
</table>
Power terminal blocks

DIN 3 with bistable foot and base mounting

D 120/42.FF - 120 mm² blocks - 42 mm 1.65° spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size mm²/MCM</th>
<th>Lug Solid wire</th>
<th>C10 Stranded wire</th>
<th>IEC NFe**</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 - 150</td>
<td>6 - 120</td>
<td>300 MCM max.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated voltage V</td>
<td>1000</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated current nominal A</td>
<td>269</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size nominal mm² / MCM</td>
<td>120 mm²</td>
<td>300 MCM max.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended wrench Lug</td>
<td>H 17 mm</td>
<td>Central screw</td>
<td></td>
<td></td>
</tr>
<tr>
<td>recommended torque Lug</td>
<td>10 - 20 Nm / 97 - 274 lb.in</td>
<td>Central screw</td>
<td>6 - 12 Nm / 52 - 104 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

D 185/55.FF - 185 mm² blocks - 55 mm 2.16° spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size mm²/MCM</th>
<th>Lug Solid wire</th>
<th>C11 Stranded wire</th>
<th>IEC NFe**</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 - 240</td>
<td>6 - 185</td>
<td>500 MCM max.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated voltage V</td>
<td>1000</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated current nominal A</td>
<td>353</td>
<td>353</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size nominal mm² / MCM</td>
<td>185 mm²</td>
<td>500 MCM max.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended wrench Lug</td>
<td>H 19 mm</td>
<td>Central screw</td>
<td></td>
<td></td>
</tr>
<tr>
<td>recommended torque Lug</td>
<td>14 - 30 Nm / 121 - 261 lb.in</td>
<td>Central screw</td>
<td>6 - 12 Nm / 52 - 104 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

D 300/55.FF - 300 mm² blocks - 55 mm 2.16° spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size mm² / MCM</th>
<th>Lug Solid wire</th>
<th>C4 Stranded wire</th>
<th>IEC NFe**</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 - 300</td>
<td>6 - 300</td>
<td>1000 MCM max.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage V</td>
<td>1000</td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current A</td>
<td>520</td>
<td>460</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm² / MCM</td>
<td>300 mm²</td>
<td>1000 MCM max.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended wrench Lug</td>
<td>H 24 mm</td>
<td>Central screw</td>
<td></td>
<td></td>
</tr>
<tr>
<td>recommended torque Lug</td>
<td>25 - 50 Nm / 217 - 434 Ib.in</td>
<td>Central screw</td>
<td>6 - 12 Nm / 52 - 104 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block without cover grey V0</td>
<td>D 120/42.FF</td>
<td>1SNA 190 003 R22 00</td>
<td>5</td>
</tr>
<tr>
<td>Standard block delivered with two covers grey V0</td>
<td>D 120/42.FF</td>
<td>1SNA 190 035 R11 00</td>
<td>5</td>
</tr>
<tr>
<td>Standard block without cover grey V0</td>
<td>D 185/55.FF</td>
<td>1SNA 190 004 R23 00</td>
<td>5</td>
</tr>
<tr>
<td>Standard block delivered with two covers grey V0</td>
<td>D 185/55.FF</td>
<td>1SNA 190 036 R12 00</td>
<td>5</td>
</tr>
<tr>
<td>Block 2 studs M16 without cover grey V0</td>
<td>D 300/55.FF</td>
<td>1SNA 190 005 R24 00</td>
<td>5</td>
</tr>
<tr>
<td>Block 2 studs M16 delivered with two covers grey V0</td>
<td>D 300/55.FF</td>
<td>1SNA 190 037 R13 00</td>
<td>5</td>
</tr>
</tbody>
</table>

Accessories

| End stop | BADH | 12 mm | 1SNA 116 900 R27 00 | 50 |
| Rotating protective cover IP 20 grey V0 | CPUF120 (1) | 1SNA 190 018 R20 00 | 5 |
| with Chc screws 3 poles | CPUF185 (2) | 1SNA 190 019 R21 00 | 5 |
| Jumper bar 2 poles | BUS42 (1) | 1SNA 205 776 R17 00 | 5 |
| with Chc screws 3 poles | BUS42 (2) | 1SNA 205 777 R18 00 | 5 |
| Jumper bar 2 poles | BUS551 (1) | 1SNA 205 778 R24 00 | 5 |
| with Chc screws 3 poles | BUS551 (2) | 1SNA 205 779 R22 00 | 5 |

(1) Only for block D 120/42.FF
(2) For blocks D 185/55.FF and D 300/55.FF
Power terminal blocks

DIN 3 with bistable foot and base mounting

**D 35/27.AF** - 35 mm² blocks - 27 mm 1.06" spacing

**Characteristics**

<table>
<thead>
<tr>
<th></th>
<th>IEC</th>
<th>DIN**</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire size mm²</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lug</td>
<td>sold wire 2.5 - 35</td>
<td>2.5 - 55</td>
<td>NFC 30100</td>
</tr>
<tr>
<td>C4*</td>
<td>stranded wire 2.5 - 35</td>
<td>2.5 - 35</td>
<td>DIN 46234</td>
</tr>
<tr>
<td>Wire-clamp</td>
<td>sold wire 2.5 - 40</td>
<td>2.5 - 35</td>
<td></td>
</tr>
<tr>
<td>IEC B9</td>
<td>stranded wire 2.5 - 35</td>
<td>2.5 - 35</td>
<td></td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>V</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>A</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td><strong>Rated wire size mm²</strong></td>
<td></td>
<td>35 mm²</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended wrench</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lug</td>
<td></td>
<td></td>
<td>NFC 30100</td>
</tr>
<tr>
<td>Central screw</td>
<td>6 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp</td>
<td>5 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>28 mm / 1.10&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended torque</strong></td>
<td></td>
<td></td>
<td>DIN 46234</td>
</tr>
<tr>
<td>Lug</td>
<td></td>
<td></td>
<td>NFC 30100</td>
</tr>
<tr>
<td>Central screw</td>
<td>6 - 12 Nm / 26 - 104 lb.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp</td>
<td>3 - 6 Nm / 26 - 52 lb.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>28 mm / 1.10&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Selection**

**Description**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block 1 stud M6 + 1 wire-clamp with CHC M6 screw grey V0</td>
<td>D 35/27.AF</td>
<td>TSNA 190 006</td>
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**Accessories**

**End stop**

<table>
<thead>
<tr>
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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>BADH 12 mm</td>
<td>TSNA 116 900</td>
<td>50</td>
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</table>

**Rotating protective cover IP20 V0 grey**

<table>
<thead>
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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>CPUF35</td>
<td>TSNA 190 016</td>
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</table>

**Jumper bar with CHC screw**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td>BJS27</td>
<td>TSNA 205 772</td>
<td>5</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJS27</td>
<td>TSNA 205 773</td>
<td>5</td>
</tr>
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</table>

**D 70/32.AF** - 70 mm² blocks - 32 mm 1.26" spacing

**Characteristics**

<table>
<thead>
<tr>
<th></th>
<th>IEC</th>
<th>DIN**</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wire size mm²</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lug</td>
<td>sold wire 6 - 95</td>
<td>6 - 70</td>
<td>NFC 30100</td>
</tr>
<tr>
<td>C4*</td>
<td>stranded wire 6 - 95</td>
<td>6 - 70</td>
<td>DIN 46234</td>
</tr>
<tr>
<td>Wire-clamp</td>
<td>sold wire 6 - 95</td>
<td>6 - 70</td>
<td></td>
</tr>
<tr>
<td>IEC B9</td>
<td>stranded wire 6 - 95</td>
<td>6 - 70</td>
<td></td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>V</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td><strong>Current</strong></td>
<td>A</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td><strong>Rated wire size mm²</strong></td>
<td></td>
<td>70 mm²</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended wrench</strong></td>
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</tr>
<tr>
<td>Lug</td>
<td></td>
<td></td>
<td>NFC 30100</td>
</tr>
<tr>
<td>Central screw</td>
<td>6 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp</td>
<td>6 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>33 mm / 1.30&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended torque</strong></td>
<td></td>
<td></td>
<td>DIN 46234</td>
</tr>
<tr>
<td>Lug</td>
<td></td>
<td></td>
<td>NFC 30100</td>
</tr>
<tr>
<td>Central screw</td>
<td>6 - 12 Nm / 52 - 104 lb.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp</td>
<td>6 - 12 Nm / 52 - 104 lb.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>33 mm / 1.30&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Selection**

**Description**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block 1 stud M8 + 1 wire-clamp with CHC M8 screw grey V0</td>
<td>D 70/32.AF</td>
<td>TSNA 190 007</td>
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</table>

**Accessories**

**End stop**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADH 12 mm</td>
<td>TSNA 116 900</td>
<td>50</td>
<td></td>
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</table>

**Rotating protective cover IP20 V0 grey**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPUF70</td>
<td>TSNA 190 017</td>
<td>10</td>
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</table>

**Jumper bar with CHC screw**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 poles</td>
<td>BJS32</td>
<td>TSNA 205 774</td>
<td>5</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJS32</td>
<td>TSNA 205 775</td>
<td>5</td>
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</table>
## Power terminal blocks

**DIN 3 with bistable foot and base mounting**

### D 120/42.AF - 120 mm² blocks - 42 mm 1.65" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lug: solid wire</td>
<td>6-120</td>
<td></td>
</tr>
<tr>
<td>C8*: stranded wire</td>
<td>6-120</td>
<td></td>
</tr>
<tr>
<td>Wire-clamp solid wire</td>
<td>6-120</td>
<td></td>
</tr>
<tr>
<td>IEC B13: stranded wire</td>
<td>6-120</td>
<td></td>
</tr>
<tr>
<td>Rated voltage V</td>
<td>1200</td>
<td>1000</td>
</tr>
<tr>
<td>Rated current nominal A</td>
<td>269</td>
<td></td>
</tr>
<tr>
<td>Rated wire size nominal mm²</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Recommended wrench</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central screw: 6 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp: 8 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length: 38 mm / 1.50&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central screw: 10-20 Nm / 87-174 Ib.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp: 6-12 Nm / 52-104 Ib.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length: 38 mm / 1.50&quot;</td>
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</table>

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block with cover grey V0</td>
<td>D 120/42.AF</td>
<td>1SN4 190 008</td>
<td>5</td>
</tr>
<tr>
<td>1 stud M10 + wire clamp with CHc M10 screw</td>
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</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADH 12 mm grey V0</td>
<td>CPUF120</td>
<td>1SN4 190 018</td>
<td>5</td>
</tr>
<tr>
<td>Rotating protective cover IP20 grey V0</td>
<td>CPUF120</td>
<td>1SN4 190 018</td>
<td>5</td>
</tr>
<tr>
<td>Jumper bar 2 poles with CHc screw</td>
<td>BJS42</td>
<td>1SN4 205 776</td>
<td>313</td>
</tr>
<tr>
<td>Jumper bar 3 poles with CHc screw</td>
<td>BJS42</td>
<td>1SN4 205 776</td>
<td>314</td>
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</tbody>
</table>

### D 185/55.AF - 185 mm² blocks - 55 mm 2.16" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>IEC</th>
<th>UL / CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lug: solid wire</td>
<td>25-240</td>
<td>6-185</td>
</tr>
<tr>
<td>C11*: stranded wire</td>
<td>6-185</td>
<td>6-185</td>
</tr>
<tr>
<td>Wire-clamp solid wire</td>
<td>25-240</td>
<td>6-185</td>
</tr>
<tr>
<td>IEC B15: stranded wire</td>
<td>25-185</td>
<td></td>
</tr>
<tr>
<td>Rated voltage V</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Rated current nominal A</td>
<td>363</td>
<td></td>
</tr>
<tr>
<td>Rated wire size nominal mm²</td>
<td>185</td>
<td></td>
</tr>
<tr>
<td>Recommended wrench</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central screw: 6 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp: 10 mm Allen key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length: 47 mm / 1.85&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central screw: 14-30 Nm / 127-260 Ib.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire-clamp: 6-12 Nm / 52-104 Ib.in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire stripping length: 47 mm / 1.85&quot;</td>
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</table>

### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block with cover grey V0</td>
<td>D 185/55.AF</td>
<td>1SN4 190 009</td>
<td>5</td>
</tr>
<tr>
<td>1 stud M12 + wire clamp with CHc M12 screw</td>
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### Accessories

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<thead>
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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADH 12 mm grey V0</td>
<td>CPUF185</td>
<td>1SN4 190 019</td>
<td>5</td>
</tr>
<tr>
<td>Rotating protective cover IP20 grey V0</td>
<td>CPUF185</td>
<td>1SN4 190 019</td>
<td>5</td>
</tr>
<tr>
<td>Jumper bar 2 poles with CHc screw</td>
<td>BJS551</td>
<td>1SN4 205 778</td>
<td>315</td>
</tr>
<tr>
<td>Jumper bar 3 poles with CHc screw</td>
<td>BJS551</td>
<td>1SN4 205 778</td>
<td>316</td>
</tr>
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</table>
Feed through terminal blocks
Screw clamp to quick-connect DIN 1-3

M 4/6.2G - 4 mm² blocks - 6 mm .236" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC NFC</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size (Screw clamp) mm² / AWG</td>
<td>Solid</td>
<td>0.5 - 4 mm</td>
</tr>
<tr>
<td>Wire size (quick-connect) mm² / AWG</td>
<td>Quick-connect</td>
<td>2.8 x 0.8 mm series 110 - 1.5 mm² max.</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>750 V Gr.C</td>
</tr>
<tr>
<td>Current A</td>
<td>25</td>
<td>20</td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>4 mm²</td>
<td>10 AWG</td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>0.5 mm / .020&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque Nm / lb.in</td>
<td>0.4-0.6 Nm / 3.5-5.3 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal block with partition. Output : Screw clamp to horizontal quick connect tabs</td>
<td>grey</td>
<td>M 4/6.2G</td>
<td>1SNA 115 189 R 1100</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>M 4/6.2G.N</td>
<td>1SNA 125 189 R 1300</td>
</tr>
<tr>
<td></td>
<td>beige V0</td>
<td>M 4/6.2G.V0</td>
<td>1SNA 195 189 R 1200</td>
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</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BAM</td>
<td>9.1 mm</td>
<td>1SNA 103 002 R 2600</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEM6G</td>
<td>2.5 mm</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>FEM6G</td>
<td>2.5 mm</td>
</tr>
<tr>
<td></td>
<td>beige V0</td>
<td>FEM6G</td>
<td>2.5 mm</td>
</tr>
<tr>
<td>Separator end section</td>
<td>grey</td>
<td>SCF6G</td>
<td>3 mm</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>5 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td>Shield connector</td>
<td>CBM5</td>
<td>0.5 mm</td>
<td>1SNA 178 745 R 1400</td>
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<td></td>
<td>CBM8</td>
<td>0.8 mm</td>
<td>1SNA 178 746 R 1500</td>
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M 4/6.3G - 4 mm² blocks - 6 mm .236" spacing

Characteristics

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<tr>
<th>NFC DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size (Screw clamp) mm² / AWG</td>
<td>Solid</td>
<td>0.2 - 4 mm</td>
</tr>
<tr>
<td>Wire size (quick-connect) mm² / AWG</td>
<td>Quick-connect</td>
<td>2.8 x 0.8 mm series 110 - 1.5 mm² max.</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>300 V Gr.C</td>
</tr>
<tr>
<td>Current A</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Rated wire size mm² / AWG</td>
<td>4 mm²</td>
<td>12 AWG</td>
</tr>
<tr>
<td>Wire stripping length mm / inches</td>
<td>0.5 mm / .020&quot;</td>
<td></td>
</tr>
<tr>
<td>Recommended torque Nm / lb.in</td>
<td>0.5-0.8 Nm / 4.4-7.1 lb.in</td>
<td></td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal block with partition. Output : Screw clamp - vertical quick-connect tabs to vertical quick-connect tabs</td>
<td>grey</td>
<td>M 4/6.3G</td>
<td>1SNA 115 279 R 0200</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BAM</td>
<td>9.1 mm</td>
<td>1SNA 103 002 R 2600</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEM6G</td>
<td>1.5 mm</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>3 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>4 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>5 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>BJM6</td>
<td>32 A</td>
</tr>
</tbody>
</table>
Quick-connect
Terminal blocks
Quick-connect to quick-connect DIN 1-3

M 2,5/6.2G.2G - 2,5 mm² blocks - 6 mm .236" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm² / AWG</td>
<td>Quick-connect</td>
<td>2,5 x 0,8 mm series 110 - 1,5 mm² max.</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>630</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2,5 mm²</td>
<td>10 AWG</td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block, outputs : horizontal quick-connect tabs to horizontal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>quick-connect tabs</td>
<td>grey</td>
<td>M 2,5/6.2G.2G</td>
<td>1SNA 115 191</td>
</tr>
<tr>
<td>beige VD</td>
<td></td>
<td>M 2,5/6.2G.2G.V0</td>
<td>1SNA 196 191</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BAM</td>
<td>9,1 mm</td>
<td>1SNA 103 002</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEM6G 2,5 mm</td>
<td>1SNA 113 007</td>
</tr>
<tr>
<td>beige VD</td>
<td></td>
<td>FEM6G 2,5 mm</td>
<td>1SNA 193 007</td>
</tr>
<tr>
<td>Separator end section</td>
<td>grey</td>
<td>SCF6G 3 mm</td>
<td>1SNA 113 075</td>
</tr>
<tr>
<td>beige VD</td>
<td></td>
<td>SCF6G 3 mm</td>
<td>1SNA 193 075</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 663</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 664</td>
<td>01.00</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 665</td>
<td>02.00</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 666</td>
<td>03.00</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 667</td>
<td>04.00</td>
</tr>
<tr>
<td>Shield connector</td>
<td>CBM6</td>
<td>0,5 mm</td>
<td>1SNA 178 745</td>
</tr>
<tr>
<td></td>
<td>CBM8</td>
<td>0,8 mm</td>
<td>1SNA 178 746</td>
</tr>
</tbody>
</table>

M 2,5/6.4G.1 - 2,5 mm² blocks - 6 mm .236" spacing

Characteristics

<table>
<thead>
<tr>
<th>IEC</th>
<th>DIN</th>
<th>UL</th>
<th>CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm² / AWG</td>
<td>Quick-connect</td>
<td>2,5 x 0,8 mm series 110 - 1,5 mm² max.</td>
</tr>
<tr>
<td>Voltage</td>
<td>V</td>
<td>630</td>
<td>600</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>35</td>
<td>25</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2,5 mm²</td>
<td>10 AWG</td>
</tr>
</tbody>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal block with partition. Output : vertical quick-connect tabs to vertical quick-connect tabs</td>
<td>grey</td>
<td>M 2,5/6.4G.1</td>
<td>1SNA 115 280</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BAM</td>
<td>9,1 mm</td>
<td>1SNA 103 002</td>
</tr>
<tr>
<td>End section</td>
<td>grey</td>
<td>FEM6G 1,5 mm</td>
<td>1SNA 114 144</td>
</tr>
<tr>
<td>Assembled jumper bar (with IP20 protection)</td>
<td>2 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 663</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 664</td>
<td>01.00</td>
</tr>
<tr>
<td>4 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 665</td>
<td>02.00</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 666</td>
<td>03.00</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJM16 32 A</td>
<td>1SNA 176 667</td>
<td>04.00</td>
</tr>
</tbody>
</table>
### Railway applications

Terminal blocks with longitudinal quick connect tabs

Quick connect-Quick connect  \( \sim \sim \)  DIN 3 - reinforced rail type 2

---

**HD 2,5/6.2G.2G.1 - 2.5 mm² block - 6 mm spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm²</td>
<td>Quick connect</td>
<td>6.3 x 0.8 mm (series 250) - 2.5 mm² max.</td>
</tr>
<tr>
<td>Voltage V AC</td>
<td>250 Cat.C</td>
<td>125 Gr.C</td>
</tr>
<tr>
<td>Voltage V DC</td>
<td>250</td>
<td>150 Gr.C</td>
</tr>
<tr>
<td>Rated current A</td>
<td>20/25 A</td>
<td>26 A</td>
</tr>
<tr>
<td>Rated wire size mm²</td>
<td>2,5 mm²</td>
<td>2,5 mm²</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block with 4 quick connect tabs</td>
<td>HD 2,5/6.2G.2G.1</td>
<td>ISNA 160 487</td>
<td>50</td>
</tr>
<tr>
<td>Block with 4 quick connect tabs</td>
<td>HD 6/8.2G.2G.1</td>
<td>ISNA 160 606</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- End stop V0: BADL 9 mm ISNA 399 903 (02000) 50
- End section beige: FEH3 1 mm ISNA 198 352 (07000) 20
- Circuit separator: SCH3 1,6 mm ISNA 198 692 (25000) 10
- Prepunched jumper bar for HD 2,5/6.2G.2G.1
  - BJH6 2 poles ISNA 168 481 (23000) 10
  - BJH6 3 poles ISNA 168 482 (24000) 10
  - BJH6 4 poles ISNA 168 483 (25000) 10
  - BJH6 5 poles ISNA 168 484 (26000) 10
  - BJH6 10 poles ISNA 168 485 (27000) 10
- Prepunched jumper bar for HD 6/8.2G.2G.1
  - BJH8 2 poles ISNA 168 456 (01000) 10
  - BJH8 3 poles ISNA 168 457 (02000) 10
  - BJH8 4 poles ISNA 168 458 (03000) 10
  - BJH8 5 poles ISNA 168 459 (04000) 10
  - BJH8 10 poles ISNA 168 356 (14000) 10
- Shield connector: EBHD 1.6 mm ISNA 168 353 (11000) 1

---

**HD 6/8.2G.2G.1 - 6 mm² block - 8 mm spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm²</td>
<td>Quick connect</td>
<td>6.3 x 0.8 mm (series 250) - 6 mm² max.</td>
</tr>
<tr>
<td>Voltage V AC</td>
<td>250</td>
<td>250 Gr.C</td>
</tr>
<tr>
<td>Voltage V DC</td>
<td>250</td>
<td>300 Gr.C</td>
</tr>
<tr>
<td>Rated current A</td>
<td>20/25 A</td>
<td>28 A</td>
</tr>
<tr>
<td>Rated wire size mm²</td>
<td>6 mm²</td>
<td>6 mm²</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block with 4 quick connect tabs</td>
<td>HD 6/8.2G.2G.1</td>
<td>ISNA 160 606</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- End stop V0: BADL 9 mm ISNA 399 903 (02000) 50
- End section beige: FEH3 1 mm ISNA 198 352 (07000) 20
- Circuit separator: SCH3 1,6 mm ISNA 198 692 (25000) 10
- Prepunched jumper bar for HD 2,5/6.2G.2G.1
  - BJH6 2 poles ISNA 168 481 (23000) 10
  - BJH6 3 poles ISNA 168 482 (24000) 10
  - BJH6 4 poles ISNA 168 483 (25000) 10
  - BJH6 5 poles ISNA 168 484 (26000) 10
  - BJH6 10 poles ISNA 168 485 (27000) 10
- Prepunched jumper bar for HD 6/8.2G.2G.1
  - BJH8 2 poles ISNA 168 456 (01000) 10
  - BJH8 3 poles ISNA 168 457 (02000) 10
  - BJH8 4 poles ISNA 168 458 (03000) 10
  - BJH8 5 poles ISNA 168 459 (04000) 10
  - BJH8 10 poles ISNA 168 356 (14000) 10
- Shield connector: EBHD 1.6 mm ISNA 168 353 (11000) 1

---

**HD 2,5/6.3G.3G.1 - 2.5 mm² block - 6 mm spacing**

**Characteristics**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm²</td>
<td>Quick connect</td>
<td>6.3 x 0.8 mm (series 250) - 2.5 mm² max.</td>
</tr>
<tr>
<td>Voltage V AC</td>
<td>250 Cat.C</td>
<td>125 Gr.C</td>
</tr>
<tr>
<td>Voltage V DC</td>
<td>250</td>
<td>150 Gr.C</td>
</tr>
<tr>
<td>Rated current A</td>
<td>25 A</td>
<td></td>
</tr>
<tr>
<td>Rated wire size mm²</td>
<td>2,5 mm²</td>
<td></td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block with 6 quick connect tabs</td>
<td>HD 2,5/6.3G.3G.1</td>
<td>ISNA 190 316</td>
<td>50</td>
</tr>
</tbody>
</table>

**Accessories**

- End stop V0: BADL 9 mm ISNA 399 903 (02000) 50
- End section beige: FEHD2 3 mm ISNA 168 949 (17000) 20
- Prepunched jumper bar for HD 2,5/6.3G.3G.1
  - BJS61 2 poles ISNA 168 481 (23000) 10
  - BJS61 3 poles ISNA 168 482 (24000) 10
  - BJS61 4 poles ISNA 168 483 (25000) 10
  - BJS61 5 poles ISNA 168 484 (26000) 10
  - BJS61 10 poles ISNA 168 485 (27000) 10
### Railway applications - Terminal blocks with vertical and longitudinal quick connect tabs

Quick connect-Quick connect DIN 3 - reinforced rail type 2

**HD 6/...G... - 6 mm² blocks - 8 or 9 mm .315" or .354" spacing**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>DIN-VDE</th>
<th>NF F 6017</th>
<th>NFC-UTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size mm²</td>
<td>Quick connect</td>
<td>6.3 x 0.8 mm (series 25G)</td>
<td>6 mm² max.</td>
</tr>
<tr>
<td>Voltage V AC</td>
<td>V</td>
<td>380 Gr.C</td>
<td>380</td>
</tr>
<tr>
<td>Voltage V DC</td>
<td>V DC</td>
<td>450 Gr.C</td>
<td>380</td>
</tr>
<tr>
<td>Rated current A</td>
<td>A</td>
<td>26 A</td>
<td>20 A</td>
</tr>
<tr>
<td>Rated wire size mm²</td>
<td></td>
<td>6 mm²</td>
<td>6 mm²</td>
</tr>
</tbody>
</table>

### Selection

**HD 6/8.2G.2G.2**

1 circuit, 1 feed-through with 4 quick-connect tabs
2 longitudinal tabs
2 vertical tabs
possible testing and transverse connection
8 mm spacing or 9 mm with end section

Quick-connect block beige □ HD 6/8.2G.2G.2 1SNC 160 619 P100.0

### HD 6/9.5G

1 circuit, 5 quick-connect tabs
3 and 2 vertical tabs
possible testing and transverse connection
9 mm spacing

Quick-connect block beige □ HD 6/9.5G 1SNC 160 621 P102.0

### HD 6/9.3G.2G

2 circuits, 5 quick-connect tabs
1 feed-through with 3 vertical tabs and possible testing and transverse connection
1 feed-through with 2 vertical tabs and red marking
9 mm spacing

Quick-connect block beige □ HD 6/9.3G.2G 1SNC 160 563 P100.0

### HD 6/9.2G.3G

2 circuits, 5 quick-connect tabs
1 feed-through with 3 vertical tabs and red marking
1 feed-through with 2 vertical tabs and possible testing and transverse connection
9 mm spacing

Quick-connect block beige □ HD 6/9.2G.3G 1SNC 160 564 P101.0

### Accessories

<table>
<thead>
<tr>
<th>End stop V0</th>
<th>BADL 9 mm</th>
<th>SNC 399 903 P02.0</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section for HD 6/8.2G.2G.2</td>
<td>FEH4 1 mm</td>
<td>SNC 193 875 P22.0</td>
<td>20</td>
</tr>
<tr>
<td>End section for HD 6/8.2G.2G.2</td>
<td>FEHD1 1 mm</td>
<td>SNC 199 400 P06.0</td>
<td>20</td>
</tr>
<tr>
<td>Circuit separator for HD 6/8.2G.2G.2</td>
<td>SCH3 1.6 mm</td>
<td>SNC 168 692 P25.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for HD 6/8.2G.2G.2</td>
<td>BJH8 2 poles</td>
<td>SNC 168 456 P101.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for HD 6/8.2G.2G.2</td>
<td>BJH8 3 poles</td>
<td>SNC 168 457 P02.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for HD 6/8.2G.2G.2</td>
<td>BJH8 4 poles</td>
<td>SNC 168 458 P13.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for HD 6/8.2G.2G.2</td>
<td>BJH8 5 poles</td>
<td>SNC 168 459 P14.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for HD 6/8.2G.2G.2</td>
<td>BJH8 10 poles</td>
<td>SNC 168 356 P14.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for 9 mm blocks</td>
<td>BJH9 2 poles</td>
<td>SNC 168 460 P11.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for 9 mm blocks</td>
<td>BJH9 3 poles</td>
<td>SNC 168 461 P06.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for 9 mm blocks</td>
<td>BJH9 4 poles</td>
<td>SNC 168 462 P10.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for 9 mm blocks</td>
<td>BJH9 5 poles</td>
<td>SNC 168 463 P00.0</td>
<td>10</td>
</tr>
<tr>
<td>Prepunched jumper bar for 9 mm blocks</td>
<td>BJH9 10 poles</td>
<td>SNC 168 357 P15.0</td>
<td>10</td>
</tr>
</tbody>
</table>
# Railway applications

## Component holders with tabs

### DIN 3 - reinforced rail type 2

<table>
<thead>
<tr>
<th>HD 6/14.DG - 6 mm² blocks - 14 mm .551&quot; spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Characteristics</strong></td>
</tr>
<tr>
<td>Wire size</td>
</tr>
<tr>
<td>Voltage</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Current</td>
</tr>
<tr>
<td>Rated wire size</td>
</tr>
<tr>
<td>Wire stripping length</td>
</tr>
<tr>
<td>Recommended torque</td>
</tr>
</tbody>
</table>

### Selection

**Description**

- Block for soldered diodes or resistors, connection by 2 tabs for quick-connect 6.3x0.8 mm .248"x.037" on each side beige
- HD 6/14.DG 1SNA 162 308 R1800 10

<table>
<thead>
<tr>
<th>HD 6/14.SDH... - 6 mm² blocks - 14 mm .551&quot; spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Characteristics</strong></td>
</tr>
<tr>
<td>Wire size</td>
</tr>
<tr>
<td>Voltage</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Current</td>
</tr>
<tr>
<td>Rated wire size</td>
</tr>
<tr>
<td>Wire stripping length</td>
</tr>
<tr>
<td>Recommended torque</td>
</tr>
</tbody>
</table>

### Selection

**Description**

- Switch block for screw and soldered diodes, connection by 2 tabs for quick-connect 6.3x0.8 mm .248"x.037" on each side beige
- HD 6/14.SDH.1 1SNA 162 965 R2100 10

- Switch block for screw and soldered diodes, without plug, connection by 2 tabs for quick-connect 6.3x0.8 mm .248"x.037" on each side beige
- HD 6/14.SDH 1SNA 162 993 R1600 10

- Switch block for screw and soldered diodes, without plug, connection by 2 tabs for quick-connect 6.3x0.8 mm .248"x.037" on each side beige
- HD 6/14.SDH2 1SNA 162 972 R2000 10

### Accessories

- End stop BADL 9 mm 1SNA 399 903 R0200 50
- End section grey FEH8 (1) 1.5 mm 1SNA 199 729 R0100 25
- Intermediate section FJH501 1.5 mm 1SNA 199 411 R1400 25
- Circuit separator SCH8 1.2 mm 1SNA 199 412 R1500 25
- Clear cover CPM 1SNA 187 312 R1400 1

(1) Only for HD 6/14.DG
(2) Only for HD 6/14.SDH...
Terminal blocks with 1 stud terminal
Assembled with cover

DIN 3 - reinforced rail type 2

HD 4/9.F4... - 4 mm² blocks - 10.7 mm .421° spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>NFC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Tubular lug</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>(NFC 20130)</td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC 100 Cat.C</td>
</tr>
<tr>
<td>V DC 100 Cat.C</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A 32</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG 4 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches 1.2 Nm</td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
</tr>
</tbody>
</table>

HD 4/9.F4 Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>HD 4/9.F4</td>
<td>100</td>
</tr>
<tr>
<td>1 stud terminal M4x1.5 mm (.435&quot;) - Equipment : self locking nut + spring washer + washer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HD 4/9.F4.2 Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block brass</td>
<td>beige V0</td>
<td>HD 4/9.F4.2</td>
<td>100</td>
</tr>
<tr>
<td>Standard block brass</td>
<td>yellow V0</td>
<td>HD 4/9.F4.2</td>
<td>100</td>
</tr>
<tr>
<td>1 stud terminal M4x1.5 mm (.435&quot;) - Equipment : 1 bottom nut + 2 washers + 1 spring washer + 1 top nut</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HD 10/12.F5... - 10 mm² blocks - 13.2 mm .520° spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Tubular lug</td>
<td>Lug (DIN 46235)</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>(NFC 20130)</td>
<td>6 to 10 mm</td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC 750 Cat.C</td>
<td></td>
</tr>
<tr>
<td>V DC 750 Cat.C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A 57</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG 10 mm²</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches 2.5 Nm (HD 10/12.F5) / 2 Nm</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td></td>
</tr>
</tbody>
</table>

HD 10/12.F5 Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>HD 10/12.F5</td>
<td>50</td>
</tr>
<tr>
<td>1 stud terminal M5x19.5 mm (.768&quot;) - Equipment (As per NF F 61017) : self locking nut + TREP 3L washer + washer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HD 10/12.F5 Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block steel</td>
<td>beige V0</td>
<td>HD 10/12.F5.1</td>
<td>50</td>
</tr>
<tr>
<td>Standard block brass</td>
<td>beige V0</td>
<td>HD 10/12.F5.2</td>
<td>50</td>
</tr>
<tr>
<td>Standard block brass</td>
<td>yellow V0</td>
<td>HD 10/12.F5.2</td>
<td>50</td>
</tr>
<tr>
<td>1 stud terminal M5x19.5 mm (.768&quot;) - Equipment : 1 bottom nut + 2 washers + 1 spring washer + 1 top nut</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>BADL 9 mm</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section</td>
<td>beige V0</td>
<td>FJHD 32 (1) 1.5 mm</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>yellow V0</td>
<td>FJHD 32 (2) 1.5 mm</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>beige V0</td>
<td>FJHD 40 (3) 1.5 mm</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>yellow V0</td>
<td>FJHD 40 (4) 1.5 mm</td>
<td>25</td>
</tr>
<tr>
<td>Double section (H : 40/50.5 mm)</td>
<td>FJHD 40 (5) 1.5 mm</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Circuit separator</td>
<td>beige V0</td>
<td>SCHD01 (1) 1.2 mm</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>yellow V0</td>
<td>SCHD02 (2) 1.2 mm</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>beige V0</td>
<td>SCHD02 (3) 1.2 mm</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>yellow V0</td>
<td>SCHD02 (4) 1.2 mm</td>
<td>25</td>
</tr>
<tr>
<td>Jumper bar</td>
<td>10 poles</td>
<td>BJH105 (1) 10.5 mm</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>12 poles</td>
<td>BJH131 (2) 13.2 mm</td>
<td>1</td>
</tr>
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</table>

(2) For block : HD 4/9.F4.2
(3) For blocks : HD 10/12.F5, HD 10/12.F5.1, HD 10/12.F5.2
(4) For blocks : HD 10/12.F5.1, HD 10/12.F5.2
Terminal block with 1 stud terminal
Assembled with cover

DIN 3 - reinforced rail type 2

### HD35/16.F6.19... - 35 mm² blocks - 17.2 mm .678" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Property</th>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm² / AWG</td>
<td>1 to 35 mm²</td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC</td>
<td>750 Cat.C</td>
</tr>
<tr>
<td>Voltage</td>
<td>V DC</td>
<td>750 Cat.C</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>125</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>35 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>5.3 Nm (HD35/16.F6.19) / 3 Nm</td>
</tr>
</tbody>
</table>

**HD35/16.F6.19 Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block beige V0</td>
<td>HD35/16.F6.19</td>
<td>1SNA 295 395 /07:00</td>
<td>50</td>
</tr>
<tr>
<td>1 stud terminal M6x19.5 mm</td>
<td>Equipment (as per NF F 61017) : H130 self locking nut + TREP 3L washer + washer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### HD35/16.F6.19.1 Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block beige V0</td>
<td>HD35/16.F6.19.1</td>
<td>1SNA 295 395 /08:00</td>
<td>50</td>
</tr>
<tr>
<td>1 stud terminal M6x19.5 mm</td>
<td>Equipment : 1 bottom nut + 2 washers + 1 spring washer + 1 top nut</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### HD70/22.F8.31... - 70 mm² blocks - 23.2 mm .914" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Property</th>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>mm² / AWG</td>
<td>6 to 70 mm²</td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC</td>
<td>750 Cat.C</td>
</tr>
<tr>
<td>Voltage</td>
<td>V DC</td>
<td>750 Cat.C</td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>192</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>70 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>13.4 Nm (HD70/22.F8.31 ) / 6 Nm</td>
</tr>
</tbody>
</table>

**HD70/22.F8.31 Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block beige V0</td>
<td>HD70/22.F8.31</td>
<td>1SNA 295 400 /06:00</td>
<td>50</td>
</tr>
<tr>
<td>1 stud terminal M6x31.5 mm</td>
<td>(1.24&quot;) : Equipment (as per NF F 61017) : H 130 self locking nut + TREP 3L washer + washer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### HD70/22.F8.31... Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block steel beige V0</td>
<td>HD70/22.F8.31.1</td>
<td>1SNA 295 401 /23:00</td>
<td>50</td>
</tr>
<tr>
<td>Standard block brass beige V0</td>
<td>HD70/22.F8.31.2</td>
<td>1SNA 295 402 /24:00</td>
<td>50</td>
</tr>
<tr>
<td>1 stud terminal M6x31.5 mm</td>
<td>(1.24&quot;) : Equipment : 1 bottom nut + 2 washers + 1 spring washer + 1 top nut</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADL</td>
<td>End stop</td>
<td>9 mm</td>
<td>1SNA 399 903 /02:00</td>
<td>50</td>
</tr>
<tr>
<td>FJH4D1</td>
<td>End section</td>
<td>beige V0</td>
<td>1.5 mm</td>
<td>1SNA 295 424 /14:00</td>
</tr>
<tr>
<td>FJH4D1</td>
<td>Double section (H : 40/50.5 mm)</td>
<td>beige V0</td>
<td>1.5 mm</td>
<td>1SNA 295 426 /13:00</td>
</tr>
<tr>
<td>SCHD2</td>
<td>Circuit separator</td>
<td>beige V0</td>
<td>1.2 mm</td>
<td>1SNA 295 429 /26:00</td>
</tr>
<tr>
<td>SCHH2</td>
<td>Jumper bar</td>
<td>10 poles</td>
<td>17.2 mm</td>
<td>163 476 /27:00</td>
</tr>
<tr>
<td>BJH2</td>
<td></td>
<td>10 poles</td>
<td>23.2 mm</td>
<td>163 476 /20:00</td>
</tr>
</tbody>
</table>

Terminal block with 1 stud terminal
Assembled with cover
DIN 3 - reinforced rail type 2

### HD120/30.F10.31.1 - 120 mm² block - 31.2 mm 1.23" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Tubular lug (NFC 20130)</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>16 to 120 mm²</td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC, 750 Cat.C</td>
</tr>
<tr>
<td>V DC, 750 Cat.C</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A, 269</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
</tr>
<tr>
<td>1.2 mm</td>
<td>120 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
</tr>
<tr>
<td></td>
<td>10 Nm</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>19NA 295 403</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 stud terminal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M10x31.5 mm (1.24&quot;) - Equipment :</td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1 bottom nut + 2 washers + 1 spring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>washer + 1 top nut</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### HD185/36.F12.31.1 - 185 mm² block - 37.2 mm 1.46" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>NFC</th>
<th>DIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>Tubular lug (NFC 20130)</td>
</tr>
<tr>
<td>mm² / AWG</td>
<td>16 to 186 mm²</td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC, 750 Cat.C</td>
</tr>
<tr>
<td>V DC, 750 Cat.C</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A, 353</td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
</tr>
<tr>
<td>1.65 mm</td>
<td>185 mm²</td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
</tr>
<tr>
<td></td>
<td>14 Nm</td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>19NA 295 405</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 stud terminal</td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>M12x31.5 mm (1.24&quot;) - Equipment :</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 bottom nut + 2 washers + 1 spring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>washer + 1 top nut</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>End stop</th>
<th>BADL</th>
<th>1SNA 399 903</th>
<th>102</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section</td>
<td>FJH501</td>
<td>1SNA 399 411</td>
<td>144</td>
</tr>
<tr>
<td>Circuit separator</td>
<td>SCH8</td>
<td>1SNA 399 412</td>
<td>154</td>
</tr>
<tr>
<td>Jumper bar</td>
<td></td>
<td></td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>BJH311 (1)</td>
<td>1SNA 163 479</td>
<td>103</td>
</tr>
<tr>
<td></td>
<td>10 poles</td>
<td>1SNA 163 475</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>BJH32 (2)</td>
<td>1SNA 163 475</td>
<td>200</td>
</tr>
</tbody>
</table>

(1) For block HD120/30.F10.31.1
(2) For block HD185/36.F12.31.1
Terminal block with 2 stud terminals
Assembled with cover

DIN 3 - reinforced rail type 2

### HD4/9.FF4 - 4 mm² block - 10.7 mm .421” spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tubular lug</td>
<td>HDFC</td>
<td>295 389</td>
<td>02 00</td>
</tr>
<tr>
<td>Voltage</td>
<td>AC</td>
<td>500 cat.C</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>DC</td>
<td>500 cat.C</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>1.2</td>
<td></td>
</tr>
</tbody>
</table>

### Selection

**Accessories**

- **End stop**
  - Badl 9 mm
    - Order P/N: 295 903 02 00
    - Weight: 50 kg
  - FJHD32 1.5 mm
    - Order P/N: 295 431 02 00
    - Weight: 25 kg
- **End section**
  - Badl 1.2 mm
    - Order P/N: 295 428 02 00
    - Weight: 25 kg
  - SCHD1 1.2 mm
    - Order P/N: 163 503 02 00
    - Weight: 1 kg
- **Circuit separator**
  - Badl 10 poles
    - Order P/N: 163 468 00 00
    - Weight: 1 kg

### HD10/12.FF5 - 10 mm² block - 12 mm .473” spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tubular lug</td>
<td>HDFC</td>
<td>295 397</td>
<td>02 00</td>
</tr>
<tr>
<td>Voltage</td>
<td>AC</td>
<td>750 cat.C</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>DC</td>
<td>750 cat.C</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>2.5</td>
<td></td>
</tr>
</tbody>
</table>

### Selection

**Accessories**

- **End stop**
  - Badl 9 mm
    - Order P/N: 295 903 02 00
    - Weight: 50 kg
  - FJHD50 1.5 mm
    - Order P/N: 295 428 02 00
    - Weight: 25 kg
- **End section**
  - Badl 1.2 mm
    - Order P/N: 295 430 02 00
    - Weight: 25 kg
  - SCHD5 1.2 mm
    - Order P/N: 163 468 00 00
    - Weight: 1 kg
- **Circuit separator**
  - Badl 10 poles
    - Order P/N: 163 468 00 00
    - Weight: 1 kg
Railway applications - Terminal blocks with 2 stud terminal assembled without cover

DIN 3 - reinforced rail type 2

HD 16/14.FF5.21 - 16 mm² block - 14 mm .551" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>NFC</th>
<th>VDE</th>
<th>NF 61017</th>
<th>NFC-UTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lugs</td>
<td>25 mm² max.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage</th>
<th>500Gr.C</th>
<th>380/380</th>
<th>500 Cat.C</th>
</tr>
</thead>
<tbody>
<tr>
<td>V AC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V DC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current</th>
<th>A</th>
<th>65</th>
<th>51/71</th>
<th>71</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Rated wire size</th>
<th>mm² / AWG</th>
<th>16 mm²</th>
<th>16 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended torque</th>
<th>Nm / lb.in</th>
<th>2.5 Nm</th>
</tr>
</thead>
</table>

**Selection**

**Description**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>HD 16/14.FF5.21</td>
<td>1SNA 162 991</td>
</tr>
</tbody>
</table>

2 stud terminals M5x19.5 mm (.768") with interruptor bar and possibility of transverse connection - Equipment (as per NF 61017) : self locking nut + spring washer + washer

**Accessories**

<table>
<thead>
<tr>
<th>End stop</th>
<th>BADL</th>
<th>9 mm</th>
<th>1SNA 399 903</th>
<th>02-00</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section</td>
<td>beige V0</td>
<td>FEH8</td>
<td>1.5 mm</td>
<td>1SNA 198 729</td>
<td>01-00</td>
</tr>
<tr>
<td>Circuit separator</td>
<td>beige V0</td>
<td>SCH6</td>
<td>4 mm</td>
<td>1SNA 199 353</td>
<td>22-00</td>
</tr>
<tr>
<td>Jumper bar 14 mm</td>
<td>2 poles</td>
<td>BJH14</td>
<td>1SNA 173 438</td>
<td>24-00</td>
<td>1</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJH14</td>
<td>1SNA 173 439</td>
<td>25-00</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>4 poles</td>
<td>BJH14</td>
<td>1SNA 173 441</td>
<td>27-00</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>5 poles</td>
<td>BJH14</td>
<td>1SNA 173 449</td>
<td>07-00</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>10 poles</td>
<td>BJH14</td>
<td>1SNA 173 451</td>
<td>21-00</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Jumper bar 18 mm</td>
<td>2 poles</td>
<td>BJH18</td>
<td>1SNA 173 452</td>
<td>22-00</td>
<td>1</td>
</tr>
<tr>
<td>3 poles</td>
<td>BJH18</td>
<td>1SNA 173 453</td>
<td>23-00</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>spacer placed</td>
<td>4 poles</td>
<td>BJH18</td>
<td>1SNA 173 454</td>
<td>24-00</td>
<td>1</td>
</tr>
<tr>
<td>between 2 blocks for</td>
<td>5 poles</td>
<td>BJH18</td>
<td>1SNA 173 460</td>
<td>06-00</td>
<td>1</td>
</tr>
<tr>
<td>18 mm .708&quot; spacing</td>
<td>10 poles</td>
<td>BJH18</td>
<td>1SNA 173 461</td>
<td>23-00</td>
<td>1</td>
</tr>
<tr>
<td>Spacer</td>
<td>INH3</td>
<td>4 mm</td>
<td>1SNA 199 384</td>
<td>23-00</td>
<td>25</td>
</tr>
</tbody>
</table>

HD 16/14.FF5.20 - 16 mm² block - 14 mm .551" spacing

**Characteristics**

<table>
<thead>
<tr>
<th>Wire size</th>
<th>NFC</th>
<th>VDE</th>
<th>NF 61017</th>
<th>NFC-UTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lugs</td>
<td>16 mm² max.</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage</th>
<th>500Gr.C</th>
<th>380</th>
<th>500 Cat.C</th>
</tr>
</thead>
<tbody>
<tr>
<td>V AC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V DC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Current</th>
<th>A</th>
<th>65</th>
<th>51</th>
<th>71</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Rated wire size</th>
<th>mm² / AWG</th>
<th>16 mm²</th>
<th>16 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended torque</th>
<th>Nm / lb.in</th>
<th>2.5 Nm</th>
</tr>
</thead>
</table>

**Selection**

**Description**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>HD 16/14.FF5.20</td>
<td>1SNA 162 979</td>
</tr>
</tbody>
</table>

2 stud terminals M5x19.5 mm (.768") with interruptor bar - Equipment (as per NF 61017) : self locking nut + spring washer + washer

**Accessories**

<table>
<thead>
<tr>
<th>End stop</th>
<th>BADL</th>
<th>9 mm</th>
<th>1SNA 399 903</th>
<th>02-00</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>End section</td>
<td>beige V0</td>
<td>FEH8</td>
<td>1.5 mm</td>
<td>1SNA 198 729</td>
<td>01-00</td>
</tr>
</tbody>
</table>
# ADO System

## Railway applications

### Terminal blocks with insulation displacement

**ADO - ADO (DIN 3)**

---

### D 1.5/6.ADO.NF - 1.5 mm² blocks - 6 mm .236" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>ADO</th>
<th>0.6 - 1.34 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>V AC</td>
<td>1000 500 600</td>
</tr>
<tr>
<td>V DC</td>
<td>1000 500 600</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>17.5 17.5 18</td>
</tr>
<tr>
<td>Body weight</td>
<td>g / lb</td>
<td>3.63 g / 0.008 lb</td>
</tr>
<tr>
<td>Metallic part weight</td>
<td>g / lb</td>
<td>3.23 g / 0.007 lb</td>
</tr>
<tr>
<td>Total weight</td>
<td>g / lb</td>
<td>6.73 g / 0.015 lb</td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block beige V0</td>
<td>D 1.5/6.ADO.NF</td>
<td>399 730 17 00</td>
<td>50</td>
</tr>
</tbody>
</table>

Red marking to identify wire size

#### Accessories

| End stop | BADL | 9 mm | 399 903 02 00 | 50 |
| End section beige | FEMAD3 | 3 mm | 399 802 05 00 | 20 |
| Circuit separator | SCAD | | 196 896 00 00 | 10 |
| Screwless jumper bar 2 poles | BJE6.2 | 32 A | 299 694 04 00 | 100 |
| IP20 | 32 A | 299 695 05 00 | 70 |
| orange | 32 A | 299 696 06 00 | 50 |
| 4 poles | 32 A | 299 697 07 00 | 40 |
| 5 poles | 32 A | 299 702 14 00 | 20 |
| 10 poles | 32 A | 299 702 14 00 | 20 |
| Screwless jumper bar 2 poles | BJADO 6.2 | 17.5 A | 205 974 06 00 | 20 |
| IP20 | 17.5 A | 205 975 07 00 | 20 |
| orange | 17.5 A | 205 976 10 00 | 20 |
| 4 poles | 17.5 A | 205 977 01 00 | 20 |
| 5 poles | 17.5 A | 205 978 12 00 | 20 |
| 10 poles | 17.5 A | 205 979 23 00 | 20 |
| Shield connector | CBM5 | 0.5 mm | 178 745 14 00 | 50 |
| | CBM8 | 0.8 mm | 178 746 15 00 | 50 |

---

### D 2.5/8.ADO.NF - 2.5 mm² blocks - 8 mm .315" spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>ADO</th>
<th>0.93 - 2.61 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>V AC</td>
<td>1000 500 600</td>
</tr>
<tr>
<td>V DC</td>
<td>1000 500 600</td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A</td>
<td>17.5 17.5 18</td>
</tr>
<tr>
<td>Body weight</td>
<td>g / lb</td>
<td>4.63 g / 0.010 lb</td>
</tr>
<tr>
<td>Metallic part weight</td>
<td>g / lb</td>
<td>4.53 g / 0.009 lb</td>
</tr>
<tr>
<td>Total weight</td>
<td>g / lb</td>
<td>9.16 g / 0.020 lb</td>
</tr>
</tbody>
</table>

#### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block beige V0</td>
<td>D 2.5/8.ADO.NF</td>
<td>399 736 01 00</td>
<td>50</td>
</tr>
</tbody>
</table>

Blue marking to identify wire size

#### Accessories

| End stop | BADL | 9 mm | 399 903 02 00 | 50 |
| End section beige | FEMAD3 | 3 mm | 399 802 05 00 | 20 |
| Circuit separator | SCAD | | 196 896 00 00 | 10 |
| Screwless jumper bar 2 poles | BJE8.2 | 32 A | 299 712 05 00 | 15 |
| IP20 | 32 A | 299 713 06 00 | 50 |
| orange | 32 A | 299 714 07 00 | 30 |
| 4 poles | 32 A | 299 715 08 00 | 30 |
| 5 poles | 32 A | 299 720 11 00 | 10 |
| 10 poles | 32 A | 299 720 11 00 | 10 |
Railway applications
Terminal blocks with insulation displacement
ADO - ADO \(\Rightarrow\) DIN 3

D 4/8.ADO.NF - 4 mm² blocks - 8 mm .315” spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>ADO</th>
<th>NF F 63-808</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm² / AWG</td>
<td></td>
<td>2.61 - 4.32 mm²</td>
</tr>
</tbody>
</table>

Voltage

<table>
<thead>
<tr>
<th>Voltage</th>
<th>IEC NF 61-017</th>
<th>NF F 63-808</th>
</tr>
</thead>
<tbody>
<tr>
<td>V AC</td>
<td>1000</td>
<td>600</td>
</tr>
<tr>
<td>V DC</td>
<td>1000</td>
<td>600</td>
</tr>
</tbody>
</table>

Current

<table>
<thead>
<tr>
<th>Current</th>
<th>A</th>
<th>32</th>
<th>25</th>
<th>25</th>
</tr>
</thead>
</table>

Body weight

<table>
<thead>
<tr>
<th>Body weight</th>
<th>g / lb</th>
<th>4.5 g / 0.01 lb</th>
</tr>
</thead>
</table>

Metallic part weight

<table>
<thead>
<tr>
<th>Metallic part weight</th>
<th>g / lb</th>
<th>4.5 g / 0.01 lb</th>
</tr>
</thead>
</table>

Total weight

<table>
<thead>
<tr>
<th>Total weight</th>
<th>g / lb</th>
<th>9 g / 0.02 lb</th>
</tr>
</thead>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>D 4/8.ADO.NF</td>
<td>1SNA 399 748 / 25</td>
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</tbody>
</table>

Yellow marking to identify wire size

Accessories

<table>
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<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADL</td>
<td>9 mm</td>
<td>1SNA 399 903 / 02</td>
</tr>
<tr>
<td>End section</td>
<td>beige</td>
<td>FEMAD3</td>
<td>3 mm</td>
</tr>
<tr>
<td>Circuit separator</td>
<td>SCAD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screwless jumper bar</td>
<td>2 poles</td>
<td>BJE8.2</td>
<td>32 A</td>
</tr>
<tr>
<td>IP20</td>
<td>3 poles</td>
<td>BJE8.3</td>
<td>32 A</td>
</tr>
<tr>
<td>orange</td>
<td>4 poles</td>
<td>BJE8.4</td>
<td>32 A</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJE8.5</td>
<td>32 A</td>
<td>1SNA 299 715 / 00</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJE8.10</td>
<td>32 A</td>
<td>1SNA 299 720 / 11</td>
</tr>
</tbody>
</table>

D 2,5/8.ADO.NF1 - 2.5 mm² blocks - 8 mm .315” spacing

Characteristics

<table>
<thead>
<tr>
<th>Wire size</th>
<th>ADO</th>
<th>NF F 65-296</th>
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<tbody>
<tr>
<td>mm² / AWG</td>
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<td>1.5 mm²</td>
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</tbody>
</table>

Voltage

<table>
<thead>
<tr>
<th>Voltage</th>
<th>IEC NF 61-017</th>
<th>NF F 63-826</th>
</tr>
</thead>
<tbody>
<tr>
<td>V AC</td>
<td>1000</td>
<td>600</td>
</tr>
<tr>
<td>V DC</td>
<td>1000</td>
<td>600</td>
</tr>
</tbody>
</table>

Current

<table>
<thead>
<tr>
<th>Current</th>
<th>A</th>
<th>24</th>
<th>24</th>
<th>25</th>
</tr>
</thead>
</table>

Body weight

<table>
<thead>
<tr>
<th>Body weight</th>
<th>g / lb</th>
<th>4.63 g / 0.010 lb</th>
</tr>
</thead>
</table>

Metallic part weight

<table>
<thead>
<tr>
<th>Metallic part weight</th>
<th>g / lb</th>
<th>4.53 g / 0.009 lb</th>
</tr>
</thead>
</table>

Total weight

<table>
<thead>
<tr>
<th>Total weight</th>
<th>g / lb</th>
<th>9.16 g / 0.019 lb</th>
</tr>
</thead>
</table>

Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>beige V0</td>
<td>D 2,5/8.ADO.NF1</td>
<td>1SNA 399 749 / 26</td>
</tr>
</tbody>
</table>

Black marking to identify wire size

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop</td>
<td>BADL</td>
<td>9 mm</td>
<td>1SNA 399 903 / 02</td>
</tr>
<tr>
<td>End section</td>
<td>beige</td>
<td>FEMAD3</td>
<td>3 mm</td>
</tr>
<tr>
<td>Screwless jumper bar</td>
<td>2 poles</td>
<td>BJE8.2</td>
<td>32 A</td>
</tr>
<tr>
<td>IP20</td>
<td>3 poles</td>
<td>BJE8.3</td>
<td>32 A</td>
</tr>
<tr>
<td>orange</td>
<td>4 poles</td>
<td>BJE8.4</td>
<td>32 A</td>
</tr>
<tr>
<td>5 poles</td>
<td>BJE8.5</td>
<td>32 A</td>
<td>1SNA 299 715 / 00</td>
</tr>
<tr>
<td>10 poles</td>
<td>BJE8.10</td>
<td>32 A</td>
<td>1SNA 299 720 / 11</td>
</tr>
</tbody>
</table>
### Railway applications

Heavy duty switch terminal blocks with blade and plug

**ADO - ADO ⊙ DIN 3**

#### D 1,5/6.S.ADO.NF - 1.5 mm² blocks - 6 mm .236" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>ADO 0.6 - 1.34 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC 500 V DC 500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body weight</td>
<td>g / lb 6.48 g / 0.014 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metallic part weight</td>
<td>g / lb 4.76 g / 0.010 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total weight</td>
<td>g / lb 11.25 g / 0.025 lb</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block beige V0</td>
<td>D 1,5/6.S.ADO.NF</td>
<td>ISNA 400 083</td>
<td>50</td>
</tr>
</tbody>
</table>

Red marking to identify wire size

**Accessories**

| End stop                  | BADL 9 mm          | ISNA 399 903       | 50                  |
| End section               | FEDAD5 2 mm        | ISNA 399 904       | 20                  |
| Screwless jumper bar      | BJADO 6.2 2 poles  | ISNA 205 974       | 20                  |
|                           | BJADO 6.3 3 poles  | ISNA 205 975       | 20                  |
|                           | BJADO 6.4 4 poles  | ISNA 205 976       | 20                  |
|                           | BJADO 6.5 5 poles  | ISNA 205 977       | 20                  |
|                           | BJADO 6.10 10 poles| ISNA 205 982       | 10                  |

#### D 2,5/8.S.ADO.NF - 2.5 mm² blocks - 8 mm .315" spacing

<table>
<thead>
<tr>
<th>Characteristics</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire size</td>
<td>ADO 0.93 - 2.61 mm²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>V AC 500 V DC 500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current</td>
<td>A 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body weight</td>
<td>g / lb 6.48 g / 0.014 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metallic part weight</td>
<td>g / lb 4.76 g / 0.010 lb</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total weight</td>
<td>g / lb 11.25 g / 0.025 lb</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Selection**

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block beige V0</td>
<td>D 2,5/8.S.ADO.NF</td>
<td>ISNA 399 752</td>
<td>50</td>
</tr>
</tbody>
</table>

Blue marking to identify wire size

**Accessories**

| End stop                  | BADL 9 mm          | ISNA 399 903       | 50                  |
| End section               | FEDAD5 2 mm        | ISNA 399 904       | 20                  |

---

**ABB Entelec**

Gross Automation (877) 268-3700 · www.entrelecsales.com · sales@grossautomation.com
Pluggable terminal blocks

**Screw clamp Officials DIN 1-3**

### MA 2,5/5.CPE... - 2,5 mm² block - 5.08 mm .200” spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard block</td>
<td>MA 2,5/5.CPE</td>
<td>115 957</td>
<td>50</td>
</tr>
<tr>
<td>Block equipped with 1 red Led 24V 4,8mA</td>
<td>MA 2,5/5.CPE-L24</td>
<td>115 959</td>
<td>50</td>
</tr>
<tr>
<td>Block equipped with 1 diode 1N 4007 blue</td>
<td>MA 2,5/5.CPE-D</td>
<td>125 960</td>
<td>50</td>
</tr>
<tr>
<td>Standard block</td>
<td>MA 2,5/5.CPE</td>
<td>115 964</td>
<td>50</td>
</tr>
<tr>
<td>Standard block</td>
<td>MA 2,5/5.2CPE</td>
<td>115 961</td>
<td>50</td>
</tr>
<tr>
<td>Double deck block with 2 independent levels grey</td>
<td>MA 2,5/5D2.2CPE</td>
<td>115 961</td>
<td>50</td>
</tr>
<tr>
<td>Double deck block with 2 independent levels blue</td>
<td>MA 2,5/5D2.2CPE</td>
<td>125 961</td>
<td>50</td>
</tr>
</tbody>
</table>

### MA 2,5/5.2CPE... - 2,5 mm² block - 5.08 mm .200” spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Standard block</td>
<td>MA 2,5/5.2CPE</td>
<td>115 964</td>
<td>50</td>
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<tr>
<td>Standard block</td>
<td>MA 2,5/5.2CPE</td>
<td>125 961</td>
<td>50</td>
</tr>
<tr>
<td>Double deck block with 2 independent levels grey</td>
<td>MA 2,5/5D2.2CPE</td>
<td>115 961</td>
<td>50</td>
</tr>
<tr>
<td>Double deck block with 2 independent levels blue</td>
<td>MA 2,5/5D2.2CPE</td>
<td>125 961</td>
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</tbody>
</table>

### MA 2,5/5D2.2CPE... - 2,5 mm² block - 5.08 mm .200” spacing

#### Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>Standard block</td>
<td>MA 2,5/5.CPE</td>
<td>115 957</td>
<td>50</td>
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<tr>
<td>Block equipped with 1 red Led 24V 4,8mA</td>
<td>MA 2,5/5.CPE-L24</td>
<td>115 959</td>
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<td>Block equipped with 1 diode 1N 4007 blue</td>
<td>MA 2,5/5.CPE-D</td>
<td>125 960</td>
<td>50</td>
</tr>
<tr>
<td>Standard block</td>
<td>MA 2,5/5.2CPE</td>
<td>115 961</td>
<td>50</td>
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<tr>
<td>Standard block</td>
<td>MA 2,5/5.2CPE</td>
<td>125 961</td>
<td>50</td>
</tr>
<tr>
<td>Double deck block with 2 independent levels grey</td>
<td>MA 2,5/5D2.2CPE</td>
<td>115 961</td>
<td>50</td>
</tr>
<tr>
<td>Double deck block with 2 independent levels blue</td>
<td>MA 2,5/5D2.2CPE</td>
<td>125 961</td>
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### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight</th>
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<tbody>
<tr>
<td>End stop V0</td>
<td>BADL</td>
<td>9 mm</td>
<td>50</td>
</tr>
<tr>
<td>End section</td>
<td>FEM6</td>
<td>2.8 mm</td>
<td>20</td>
</tr>
<tr>
<td>- for MA 2,5/5.CPE</td>
<td>MA 2,5/5.CPE</td>
<td>118 368</td>
<td>20</td>
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<tr>
<td>- for MA 2,5/5.2CPE</td>
<td>MA 2,5/5.2CPE</td>
<td>215 038</td>
<td>20</td>
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<tr>
<td>- for MA 2,5/5D2.2CPE</td>
<td>MA 2,5/5D2.2CPE</td>
<td>215 071</td>
<td>20</td>
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<tr>
<td>Separator end section</td>
<td>SCF6</td>
<td>3 mm</td>
<td>20</td>
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<tr>
<td>(for MA 2,5/5.CPE... only) grey</td>
<td>SCF6</td>
<td>3 mm</td>
<td>20</td>
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<tr>
<td>Assembled jumper bar with IP20 protection</td>
<td>BJMJ5</td>
<td>2 poles</td>
<td>10</td>
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<tr>
<td>- for MA 2,5/5.CPE</td>
<td>MA 2,5/5.CPE</td>
<td>176 278</td>
<td>10</td>
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<tr>
<td>- for MA 2,5/5.2CPE</td>
<td>MA 2,5/5.2CPE</td>
<td>176 279</td>
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<td>- for MA 2,5/5D2.2CPE</td>
<td>MA 2,5/5D2.2CPE</td>
<td>176 281</td>
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<td>Shield connector (for MA 2,5/5.CPE... only)</td>
<td>CBM5</td>
<td>0.5 mm</td>
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<tr>
<td>- for MA 2,5/5.CPE</td>
<td>MA 2,5/5.CPE</td>
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<td>50</td>
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<tr>
<td>- for MA 2,5/5.2CPE</td>
<td>MA 2,5/5.2CPE</td>
<td>168 367</td>
<td>50</td>
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<tr>
<td>End section-flange kit (right + left)</td>
<td>FE-BCP</td>
<td>5.08 mm</td>
<td>10</td>
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<tr>
<td>- for MA 2,5/5.CPE</td>
<td>MA 2,5/5.CPE</td>
<td>206 391</td>
<td>10</td>
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<tr>
<td>- for MA 2,5/5.2CPE</td>
<td>MA 2,5/5.2CPE</td>
<td>206 389</td>
<td>10</td>
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<tr>
<td>- for MA 2,5/5D2.2CPE</td>
<td>MA 2,5/5D2.2CPE</td>
<td>206 392</td>
<td>10</td>
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<tr>
<td>Busbar for LED common</td>
<td>BO05</td>
<td>500 mm</td>
<td>10</td>
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<tr>
<td>Coding peg</td>
<td>COC1</td>
<td>500 mm</td>
<td>10</td>
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(1) Working voltage may vary according to Led center of rail
Pluggable switch terminal blocks

Screw clamp - DIN 1-3

MA 2,5/5.SNB-CPE - 2,5 mm² switch block - 5.08 mm .200" spacing

Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Heavy duty switch block with orange blade</td>
<td>MA 2,5/5.SNB-CPE</td>
<td>1SNA 115 966</td>
<td>50</td>
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<tr>
<td>Switch block with polarized plug (delivered separately)</td>
<td>MA 2,5/5-SB-CPE</td>
<td>1SNA 115 720</td>
<td>50</td>
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<tr>
<td>Switch block with fuse holder for Automotive Mini Fuse</td>
<td>MA 2,5/5-SFA-CPE</td>
<td>1SNA 115 770</td>
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Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
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<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>End stop V0</td>
<td>BADL</td>
<td>1SNA 399 903</td>
<td>50</td>
</tr>
<tr>
<td>End section</td>
<td>FE2CPE</td>
<td>1SNA 215 038</td>
<td>20</td>
</tr>
<tr>
<td>End section-flange kit (right + left)</td>
<td>FE1BCP</td>
<td>1SNA 206 389</td>
<td>10</td>
</tr>
<tr>
<td>Coding peg</td>
<td>CDC1</td>
<td>1SNA 299 777</td>
<td>10</td>
</tr>
<tr>
<td>Fuse plug to solder + screw (for MA 2,5/5-SB-CPE only)</td>
<td>BNS5</td>
<td>1SNA 116 702</td>
<td>50</td>
</tr>
<tr>
<td>Mini Fuse 32 V max. (for MA 2,5/5-SFA-CPE only)</td>
<td>FUAUTO 2 A</td>
<td>1SNA 179 870</td>
<td>10</td>
</tr>
<tr>
<td>Mini Fuse 32 V max. (for MA 2,5/5-SFA-CPE only)</td>
<td>FUAUTO 3 A</td>
<td>1SNA 179 880</td>
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</table>
**Female plugs**

**Compatible with MA 2,5/5-...CPE terminal blocks**

**Screw clamp**

**CPFT2/...** - 2.5 mm² screw clamp plug - 5.08 mm .200" spacing

### Characteristics

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<th></th>
<th>IEC</th>
<th>UL</th>
<th>CSA</th>
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<tr>
<td>Wire size</td>
<td>Solid 0 - 2.5 mm²</td>
<td>24-12 AWG</td>
<td>24-12 AWG</td>
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<td></td>
<td>Stranded 0 - 2.5 mm²</td>
<td>24-12 AWG</td>
<td>24-12 AWG</td>
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<tr>
<td>Voltage</td>
<td>V</td>
<td>250</td>
<td>300</td>
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<tr>
<td>Current</td>
<td>A</td>
<td>12</td>
<td>15</td>
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<tr>
<td>Rated wire size</td>
<td>mm² / AWG</td>
<td>2.5 mm²</td>
<td>12 AWG</td>
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<tr>
<td>Wire stripping length</td>
<td>mm / inches</td>
<td>7.5 mm / .295&quot;</td>
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</tr>
<tr>
<td>Recommended torque</td>
<td>Nm / lb.in</td>
<td>0.4 / 2.5 lb.in</td>
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### Selection

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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</thead>
<tbody>
<tr>
<td>Screw clamp plug, wire parallel to connection black</td>
<td>CPFT2/2</td>
<td>1SNA 094 302</td>
<td>120</td>
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<tr>
<td></td>
<td>CPFT2/3</td>
<td>1SNA 094 303</td>
<td>80</td>
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<td></td>
<td>CPFT2/4</td>
<td>1SNA 094 304</td>
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<tr>
<td></td>
<td>CPFT2/5</td>
<td>1SNA 094 305</td>
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<td></td>
<td>CPFT2/6</td>
<td>1SNA 094 306</td>
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<td></td>
<td>CPFT2/7</td>
<td>1SNA 094 307</td>
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<td></td>
<td>CPFT2/8</td>
<td>1SNA 094 308</td>
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<td></td>
<td>CPFT2/9</td>
<td>1SNA 094 309</td>
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<td></td>
<td>CPFT2/10</td>
<td>1SNA 094 310</td>
<td>20</td>
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<td>CPFT2/11</td>
<td>1SNA 094 311</td>
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<td></td>
<td>CPFT2/12</td>
<td>1SNA 094 312</td>
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<td></td>
<td>CPFT2/13</td>
<td>1SNA 094 313</td>
<td>10</td>
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<td></td>
<td>CPFT2/14</td>
<td>1SNA 094 314</td>
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<td></td>
<td>CPFT2/15</td>
<td>1SNA 094 315</td>
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<tr>
<td>Screw clamp plug, wire perpendicular to connection black</td>
<td>CPFT2/R-2</td>
<td>1SNA 094 352</td>
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<tr>
<td></td>
<td>CPFT2/R-3</td>
<td>1SNA 094 353</td>
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<td>CPFT2/R-4</td>
<td>1SNA 094 354</td>
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<td>CPFT2/R-5</td>
<td>1SNA 094 355</td>
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<td></td>
<td>CPFT2/R-6</td>
<td>1SNA 094 356</td>
<td>40</td>
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<td></td>
<td>CPFT2/R-7</td>
<td>1SNA 094 357</td>
<td>30</td>
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<td>CPFT2/R-8</td>
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<td>CPFT2/R-9</td>
<td>1SNA 094 359</td>
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<td>CPFT2/R-10</td>
<td>1SNA 094 360</td>
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<td>CPFT2/R-11</td>
<td>1SNA 094 361</td>
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<td>CPFT2/R-12</td>
<td>1SNA 094 362</td>
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<td>CPFT2/R-13</td>
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<td>CPFT2/R-14</td>
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<td>CPFT2/R-15</td>
<td>1SNA 094 365</td>
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### Accessories

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<thead>
<tr>
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<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
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<tbody>
<tr>
<td>Range assembly R + L + M2.5 screw black</td>
<td>BCPF</td>
<td>1SNA 176 072</td>
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<tr>
<td>Test plug</td>
<td>FC2</td>
<td>1SNA 007 865</td>
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</tr>
<tr>
<td>Coding part</td>
<td>COCF</td>
<td>1SNA 199 320</td>
<td>10</td>
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</table>
## Accessories

### End stops
The end stops are mounted at the extremity of the terminal board assembly, giving additional support to the terminal blocks as markers. For various types of marking, refer to the marker section.

<table>
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<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>End stop DIN 1 and DIN 3</td>
<td>BADL</td>
<td>TSNA 399 903</td>
<td>50</td>
</tr>
<tr>
<td>End stop with screws DIN 1 and DIN 3</td>
<td>BAM</td>
<td>TSNA 103 002</td>
<td>50</td>
</tr>
<tr>
<td>High end stop with screws DIN 1 and DIN 3</td>
<td>BAMP</td>
<td>TSNA 114 836</td>
<td>50</td>
</tr>
<tr>
<td>High end stop with screws DIN 3</td>
<td>BADH</td>
<td>TSNA 116 800</td>
<td>50</td>
</tr>
<tr>
<td>End stop for miniblocks DIN 2</td>
<td>BAR</td>
<td>TSNA 164 519</td>
<td>50</td>
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<tr>
<td>Reversible end stop DIN 1</td>
<td>BADRL</td>
<td>TSNA 199 420</td>
<td>50</td>
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</tbody>
</table>

### Mounting rails
- Symmetrical zinc bichromate plated steel prepunched rail
- Symmetrical zinc bichromate plated steel rail
- White, symmetrical passivated galvanized steel rail
- Symmetrical zinc bichromate plated steel rail
- Symmetrical zinc bichromate plated steel rail
- Asymmetrical zinc bichromate plated steel rail

### Test devices
- Test plug DIA. 2 mm
- Test plug DIA. 4 mm
- Test socket DIA. 2 mm for screw clamp/ADO up to 8 mm spacing
- Test socket DIA. 4 mm for screw clamp blocks 8, 10, 12 mm spacing

### Shield connectors
- For blocks: screw clamp
- Spring clamp

<table>
<thead>
<tr>
<th>Description</th>
<th>Type</th>
<th>Order P/N</th>
<th>Packaging Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shield terminals for collector bar</td>
<td>SFBB.81</td>
<td>TSNA 205 170</td>
<td>10</td>
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<tr>
<td>Shield terminals for collector bar</td>
<td>SFBB.82</td>
<td>TSNA 205 171</td>
<td>10</td>
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<tr>
<td>Shield terminals for collector bar</td>
<td>SFBB.83</td>
<td>TSNA 205 172</td>
<td>10</td>
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<tr>
<td>Shield terminals for collector bar</td>
<td>SFBB.84</td>
<td>TSNA 205 173</td>
<td>10</td>
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<tr>
<td>Shield terminals for collector bar</td>
<td>BO 318</td>
<td>TSNA 205 175</td>
<td>10</td>
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<tr>
<td>Shield terminals for collector bar</td>
<td>DSPBO.PI</td>
<td>TSNA 205 176</td>
<td>10</td>
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<tr>
<td>Shield terminals for collector bar</td>
<td>DSPBO.P</td>
<td>TSNA 205 177</td>
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## Marking

### Selection table

**Markers for blocks:** RC410, RC510, RC610, RC810, RC1010, RC55, RC65, RCAL85

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<thead>
<tr>
<th></th>
<th>RC410</th>
<th>RC510</th>
<th>RC610</th>
<th>RC810</th>
<th>RC1010</th>
<th>RC55</th>
<th>RC65</th>
<th>RCAL85</th>
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<tbody>
<tr>
<td><strong>Screw/ADO</strong></td>
<td></td>
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<tr>
<td>5 mm spacing</td>
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<tr>
<td>6 mm spacing</td>
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<td><strong>POSSIBLE</strong></td>
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<tr>
<td>8 mm spacing</td>
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<td><strong>POSSIBLE</strong></td>
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<tr>
<td>10 mm spacing</td>
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<tr>
<td>12 mm spacing</td>
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<td>16 mm spacing</td>
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Possible mounting: **POSSIBLE**  
Recommended mounting: 
Impossible mounting: 

### Marking kit RC 5 mm spacing or 6 mm spacing

- Box with 100 cards with 18 various part numbers (see table next page)

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### Marking for terminal blocks

#### Standard RC marker cards

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<td>RC61/RC10</td>
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<tr>
<td>RC1210</td>
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<tr>
<td>Blank cards</td>
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<tr>
<td>Standard RC marker cards</td>
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<tr>
<td>Marker holder tubes for wiring PETC</td>
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<td>Blank cards</td>
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<td>RC1210</td>
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<tr>
<td>10 strips from 11 to 20</td>
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<td>10 strips from 21 to 30</td>
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<td>10 strips from 31 to 40</td>
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<td>10 strips from 61 to 70</td>
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<td>10 strips from 71 to 80</td>
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<td>From 101 to 200</td>
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<td>20 times L1/L2/L3/N-PE</td>
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<tr>
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Marking (cont.)

Marking systems

Marking table

Marking system computer assisted.

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<td>Full kit including 1 marking table, 1 power supply cable, 1 cable for parallel port +</td>
<td>AMS 400</td>
<td>1SNA 360 000</td>
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<td>1 template for 8 RC cards</td>
<td>SPRC 1</td>
<td>1SNA 360 010</td>
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<td>1 plotter pen DIA. 0.25 mm</td>
<td>AMS PEN 0.25</td>
<td>1SNA 360 100</td>
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<tr>
<td>1 plotter pen DIA. 0.35 mm</td>
<td>AMS PEN 0.35</td>
<td>1SNA 360 101</td>
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<tr>
<td>5 ink cartridges</td>
<td>AMS INK</td>
<td>1SNA 360 150</td>
<td>1</td>
</tr>
<tr>
<td>1 cleaning liquid</td>
<td>AMS CLEANER</td>
<td>1SNA 360 155</td>
<td>1</td>
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<tr>
<td>1 cleaning device</td>
<td>AMS CLEANER BOTTLE</td>
<td>1SNA 360 156</td>
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Templates for marking table AMS 400

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<td>Template for blank wire</td>
<td>SPRCC 2</td>
<td>1SNA 360 011</td>
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<td>markers RCCV</td>
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<td>Template for RB strips</td>
<td>SPRC 4</td>
<td>1SNA 360 014</td>
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<td>Template for RTM7-9</td>
<td>SPRC 5</td>
<td>1SNA 360 015</td>
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<td>Template for PIB</td>
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<td>Template for BAS-50</td>
<td>SPRC 14</td>
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Templates for other markers

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<td>Template for Wieland markers</td>
<td>SPRC 6</td>
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<td>Template for Weidmüller markers</td>
<td>SPRC 7</td>
<td>1SNA 360 017</td>
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<td>Template for Phoenix XBM 5/6 markers</td>
<td>SPRC 8</td>
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<td>Template for Phoenix ZB markers</td>
<td>SPRC 9</td>
<td>1SNA 360 019</td>
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<td>SPRC 10</td>
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<td>Template for Wago WSB markers</td>
<td>SPRC 11</td>
<td>1SNA 360 021</td>
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<td>Template for Partex TX/TXZ markers</td>
<td>SPRC 12</td>
<td>1SNA 360 022</td>
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Portable marking table

Marking system computer assisted.

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<th>Packaging Weight</th>
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<tr>
<td>Full kit including 1 marking table, 1 power supply cable, 1 cable for parallel port +</td>
<td>AMS 200</td>
<td>1SNA 360 001</td>
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</tr>
<tr>
<td>1 template for 1 RC card</td>
<td>SPRC 2</td>
<td>1SNA 360 012</td>
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<tr>
<td>1 plotter pen DIA. 0.35 mm</td>
<td>AMS PEN 0.35</td>
<td>1SNA 360 101</td>
<td>1</td>
</tr>
<tr>
<td>5 ink cartridges</td>
<td>AMS INK</td>
<td>1SNA 360 150</td>
<td>1</td>
</tr>
<tr>
<td>1 cleaning liquid</td>
<td>AMS CLEANER</td>
<td>1SNA 360 155</td>
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</tr>
<tr>
<td>1 cleaning device</td>
<td>AMS CLEANER BOTTLE</td>
<td>1SNA 360 156</td>
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<tr>
<td>Optional : power supply battery</td>
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Accessories for marking tables

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<td>Plotter pen DIA. 0.70 mm</td>
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<td>Plotter pen DIA. 1 mm</td>
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<td>Ink bottle 30 ml</td>
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<td>1SNA 360 157</td>
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<tr>
<td>5 ink cartridges</td>
<td>AMS INK</td>
<td>1SNA 360 150</td>
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<tr>
<td>2 cleaning liquid bottles 10 ml</td>
<td>AMS CLEANER</td>
<td>1SNA 360 155</td>
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<td>Cleaning device kit including 1 bottle and 1 absorbent</td>
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<td>Pen</td>
<td>HAND PEN</td>
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Alphabetical index ............................................................. page 109
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**Index rgl** 040206
1SNC 160 003 C0200

Gross Automation (877) 268-3700 • www.entrelecsales.com • sales@grossautomation.com
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