3-8
Single Pole Distribution Blocks

7-8
Power Solar Blocks

9-13
Two and Four Pole Distribution Blocks

14-19
Power Blocks & Terminals

20-25
Power Terminals

26-27
Four Pole Distribution Blocks & Insulating Supports

28-29
Disconnectable PEN System

30
Spacers & Accessories

WARNING
ERICO products shall be installed and used only as indicated in ERICO’s product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO’s instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

WARRANTY
ERICO products are warranted to be free from defects in material and workmanship at the time of shipment. NO OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY ERICO PRODUCTS. Claims for errors, shortages, defects or nonconformities ascertainable upon inspection must be made in writing within 5 days after Buyer’s receipt of products. All other claims must be made in writing to ERICO within 6 months from the date of shipment or transport. Products claimed to be nonconforming or defective must, upon ERICO’s prior written approval in accordance with its standard terms and procedures governing returns, promptly be returned to ERICO for inspection. Claims not made as provided above and within the applicable time period will be barred. ERICO shall in no event be responsible if the products have not been stored or used in accordance with its specifications and recommended procedures. ERICO will, at its option, either repair or replace nonconforming or defective products for which it is responsible or return the purchase price to the Buyer. THE FOREGOING STATES BUYER’S EXCLUSIVE REMEDY FOR ANY BREACH OF ERICO WARRANTY AND FOR ANY CLAIM, WHETHER SOUNDING IN CONTRACT, TORT OR NEGLIGENCE, FOR LOSS OR INJURY CAUSED BY THE SALE OR USE OF ANY PRODUCT.

LIMITATION OF LIABILITY
ERICO excludes all liability except such liability that is directly attributable to the willful or gross negligence of ERICO’s employees. Should ERICO be held liable its liability shall in no event exceed the total purchase price under the contract. ERICO SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSSES OF BUSINESS OR PROFITS, DOWNTIME OR DELAY, LABOR, REPAIR OR MATERIAL COSTS OR ANY SIMILAR OR DISSIMILAR CONSEQUENTIAL LOSS OR DAMAGE INCURRED BY BUYER.

Pictures, drawings and technical descriptions of this catalogue are not contractual. ERICO reserves the right to change at any time and without advanced notice, its manufacturing according to the evolution of standards/techniques.

UNITED KINGDOM
52 Milford Road
Reading, Berkshire RG1 8LJ
United Kingdom
Phone  0808 2344 695
Fax  0808 2344 676

NORTH AMERICA
34600 Solon Road
Solon, Ohio  44139
United States of America
Phone  1-800-497-4304
Fax  1-800-944-4296

OTHER COUNTRIES
B.P. 31 - 42161 Andrézieux
Cedex
France
Phone  00 33 477 36 18 10
Single Pole Distribution Blocks

- Patented design includes screw retaining, transparent blue cover
- Hinged or removable cover
- Tinned copper block
- IP 20 finger safe
- > 95% fill ratio
- Gangable
- Easy fixing: clip on DIN Rail or mount to panel with screws

Patent Nos: 7,052,333 and 7,134,921

- UL® Recognized for US and Canada (single pole only)
  - UL 1059
  - CSA® C22.2 NO. 158
- Tested and certified according to IEC 60947-7-1
- Short Circuit Current Rated up to 100 KA - See UL file E198301
- $U_i = 1000V$ AC/DC IEC 600 V UL
- Halogen-free
- UL 94V-0

Compact
**Single Pole Distribution Blocks**

**UD 80 A**
- 80 A - IEC
- 85 Amp -

- Modular: keeping only one input, the blocks can be supplied in parallel using a jumper wire. Easily double the neutral.

* CENTER TO CENTER DRILLING: 54 mm (2.12")

---

**UDJ 125 A**
- 125 A - IEC
- 150 Amp -

- Modular: keeping only one input, the blocks can be supplied in parallel using a jumper. Easily double the neutral.

---

**UDJ 160 A**
- 160 A - IEC
- 200 Amp -

- Modular: keeping only one input, the blocks can be supplied in parallel using a jumper. Easily double the neutral.

---

**Part No.** | **Description** | **AWG** | **Ø** | **Torque in Nm**
---|---|---|---|---
569010 | UD 80 A | 6...16 | x1 | 6.8 | 3.5
| | 1 | 10 | 6...16 | x4 | 6.8 | 3.5
| | 1 | 10 | 2,5...16 | x4 | 6.8 | 3.5

---

**Part No.** | **Description** | **AWG** | **Ø** | **Torque in Nm**
---|---|---|---|---
569020 | UDJ 125 A | 10...35 | x1 | 0.27 | 10 | 8.5
| | 1 | 10 | 6...16** | x4 | 6.8 | 3.5
| | 1 | 10 | 2,5...16 | x4 | 6.8 | 3.5

---

**Part No.** | **Description** | **AWG** | **Ø** | **Torque in Nm**
---|---|---|---|---
569030 | UDJ 160 A | 10...70 | x1 | 0.394 | 10 | 12.3
| | 1 | 10 | 6...16** | x1 | 6.8 | 3.5
| | 1 | 10 | 2,5...16 | x4 | 6.8 | 3.5

---

**Part No.** | **Description** | **AWG** | **Ø** | **Torque in Nm**
---|---|---|---|---
569150 | FSJ* | 8...1/0 | x1 | 0.394 | 8...1/0 | 0.27 | 75
| | 1 | 10 | 10...4 | x6 | 0.27 | 31

---

**Part No.** | **Description** | **AWG** | **Ø** | **Torque in Nm**
---|---|---|---|---
569150 | FSJ* | 8...3/0 | x1 | 0.394 | 8...3/0 | 0.27 | 31

---

- Visual inspection of wire and confirmation of connection
- Halogen-free
- IP 20 finger safe
- 95% fill ratio
- Self extinguishing: UL94 V-0
- Tinned copper blocks: Copper or Aluminum Cable
- Short circuit current rated up to 100 KA - See UL file E198301
- RoHS Compliant

---

* Not UL® Recognized
### Single Pole Distribution Blocks

#### UD 250 A
250 A - IEC
255 Amp - cULus

- Modular: allows versatile building of power blocks single pole, two pole, three pole or four pole.

#### UD 400 A
400 A - IEC
335 Amp - cULus

- Modular: allows versatile building of power blocks single pole, two pole, three pole or four pole.

---

**Part No.** | **Description** | **O** | **kg/lbs**
---|---|---|---
569040 | UD 250 A | 1 | 0.42/0.89
569160 | FLG 250* | 10 | 0.05/0.12

---

THE UL-1059

**METRIC** | **IMPERIAL** | **Part No.** | **Description** | **O** | **kg/lbs**
---|---|---|---|---|---
569050 | UD 400 A | 1 | 0.40/0.89
569170 | FLG 400* | 10 | 0.1/0.21

---

*Not UL® Recognized
*Not IP 20

---

**TORQUE**

**inch/lbs.**

**METRIC** | **IMPERIAL** | **Part No.** | **Description** | **O** | **inch/lbs.**
---|---|---|---|---|---
569040 | UD 250 A | 1 | 0.42/0.89
569160 | FLG 250* | 10 | 0.05/0.12

---

**Part No.** | **Description** | **O** | **inch/lbs.**
---|---|---|---
569050 | UD 400 A | 1 | 0.40/0.89
569170 | FLG 400* | 10 | 0.1/0.21

---

*Not UL® Recognized
*Not IP 20

---

**CENTER TO CENTER DRILLING:**

**85 X 29 mm (3.35” x 1.14”)**

**DIRECT FLG 250:**

WITH ERIFLEX FLEXIBAR

**DIRECT FLG 400:**

WITH ERIFLEX FLEXIBAR

---

**NEW 1000V IEC**
Single Pole Distribution Blocks

UDF 250A
250 A - IEC
255 A - c

- DIRECT CONNECTION WITH ERICO FLEXIBAR.
- Modular: allows versatile building of power blocks single pole, two pole, three pole or four pole.

UDF 500A
500 A - IEC
335 A - c

- DIRECT CONNECTION WITH ERICO FLEXIBAR.
- Modular: allows versatile building of power blocks single pole, two pole, three pole or four pole.

---

**METRIC**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Description</th>
<th>Ø</th>
<th>T(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERICO FLEXIBAR</td>
<td>x1</td>
<td>-</td>
<td>13,5</td>
</tr>
<tr>
<td>2,5...16</td>
<td>x6</td>
<td>6,8</td>
<td>3,5</td>
</tr>
</tbody>
</table>

**IMPERIAL**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Description</th>
<th>Ø</th>
<th>T(floor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERICO FLEXIBAR</td>
<td>x1</td>
<td>-</td>
<td>120</td>
</tr>
<tr>
<td>10...4</td>
<td>x6</td>
<td>0.27</td>
<td>31</td>
</tr>
</tbody>
</table>

---

**Part No.**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>569041</td>
<td>UDF 250A</td>
<td>0,15 / 0,33</td>
</tr>
</tbody>
</table>

---

**Flexible stranded cable**
(including terminal up to 50 mm²)

**Rigid cable**

---

**Part No.**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>569060</td>
<td>UDF 500A</td>
<td>0,37 / 0,82</td>
</tr>
</tbody>
</table>

---

- Input connection using ERICO® FLEXIBAR®
- Visual inspection of wire and confirmation of connection
- Halogen Free
- IP 20 finger safe
- 95% fill ratio
- Tinned Copper Block: Copper or Aluminium Cables
- RoHS Compliant
- Short Circuit Rated up to 100 KA (UDF 250A)
  - See UL file E198301
- Self extinguishing: UL94 V-0

---
Single Pole Distribution Blocks

**NEW** Aluminum model 1000V UL® Recognized & IEC® Conformity

Patented design includes screw retaining, transparent blue cover

Hinged or removable cover

IP 20 finger safe

> 95% fill ratio

Gangable

Tinned copper / Tinned Aluminium block

Patented unit design. Allows for visual inspection of wire and confirmation of connection

Clip has 2 positions: Open/Close

12 identical holes

Easy fixing: clip on DIN Rail or mount to panel with screws

- Tested and certified according to IEC® 60947-7-1
  - Ui = 1000V
- 1000V UL® Recognized for US & Canada
- UL 1059
- Halogen-free
- UL 94V-0
- RoHS Compliant
- Can be used in parallel using jumpers with UD400 212 XX

Patent Nos: 7,052,333 and 7,134,921

UL Recognized for 1000V AC/DC and IEC certified for 1000V AC/ 1500V DC - Ideal for solar applications
Single Pole Distribution Blocks

UD 400 212 XX
2 inputs / 12 outputs
400 A - IEC
400 A - UL®

UD 400 112 XX
1 input / 12 outputs
400 A - IEC
335 A - UL®

Copper/Aluminium Block

<table>
<thead>
<tr>
<th>METRIC</th>
<th>AWG</th>
<th>Ø</th>
<th>Torque (N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.5</td>
<td>10</td>
<td>6.1</td>
</tr>
<tr>
<td></td>
<td>35.95</td>
<td>10</td>
<td>13.5</td>
</tr>
</tbody>
</table>

Aluminium Block

<table>
<thead>
<tr>
<th>IMPERIAL</th>
<th>AWG</th>
<th>Ø</th>
<th>Torque (inch/lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14...6</td>
<td>x12</td>
<td>0.24</td>
<td>45</td>
</tr>
<tr>
<td>8...3/0</td>
<td>x2</td>
<td>0.53</td>
<td>120</td>
</tr>
</tbody>
</table>

Copper Block

<table>
<thead>
<tr>
<th>IMPERIAL</th>
<th>AWG</th>
<th>Ø</th>
<th>Torque (inch/lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14...6</td>
<td>x12</td>
<td>0.24</td>
<td>24</td>
</tr>
<tr>
<td>8...3/0</td>
<td>x2</td>
<td>0.53</td>
<td>120</td>
</tr>
</tbody>
</table>

Part No. Description

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>569051</td>
<td>Unipolar Distribution Block UD40012CU - Copper</td>
<td>0,380</td>
</tr>
<tr>
<td>569251</td>
<td>Unipolar Distribution Block UD40012AL - Aluminium</td>
<td>0,160</td>
</tr>
<tr>
<td>569200</td>
<td>Jumper UD400*</td>
<td>0,060</td>
</tr>
</tbody>
</table>

Flexible stranded cable (including terminal up to 50 mm²)

Rigid cable

* 380A max

UL® Recognized for 1000V AC/DC and IEC® certified for 1000V AC/1500V DC - Ideal for Solar applications
Two and Four Pole Distribution Blocks

- End large terminal = true capacity
- Easy clip-in fixing
- Insulating screen between each row
- Insulated neutral bar giving numerous connections
- Solid brass bars
- Reinforced plastic parts
- Cover = safe connections
- Tested and certified according to IEC 60947-7-1
- Mechanical fixing & electrical connection
Two and Four Pole Distribution Blocks

- Minimum space for maximum power
- Easy connections
- Protection: Transparent cover and screen
- Self extinguishing: UL94 V-0
- Safe connections
- Rail or screw mounting*
- Halogen Free
- Rohs Compliant

2 & 4 POLE 40 A
2 pole BD 40 A

- I = 40 A IEC
- \(I_{cw}\) kA rms 1s : 4.5
- \(I_{pk}\) kA : 22
- \(U_i\) : 500 V CA/CC

4 pole TD 40 A

- I = 40 A IEC
- \(I_{cw}\) kA rms 1s : 4.5
- \(I_{pk}\) kA : 22
- \(U_i\) : 500 V CA

2 & 4 POLE 80/100 A
2 pole BD 80/100 A

- I = 100 A IEC
- \(I_{cw}\) kA rms 1s : 4.5
- \(I_{pk}\) kA : 20
- \(U_i\) : 500 V CA/CC

4 pole TD 80/100 A

- I = 100 A IEC
- \(I_{cw}\) kA rms 1s : 4.5
- \(I_{pk}\) kA : 20
- \(U_i\) : 500 V CA

Neutral Bars

- Improved wiring capacity
- Direct electrical connection
- Strong mechanical assembly
- Transparent cover

2 pole BD 40 A
4 pole TD 40 A

- BD 40 A - 16 TERMINALS
- TD 40 A - 12 TERMINALS

- 2 pole BD 80/100 A
4 pole TD 80/100 A

- BD 80/100 A - 6 TERMINALS
- TD 80/100 A - 6 TERMINALS

- BD 80/100 AL - 10 TERMINALS
- TD 80/100 AL - 14 TERMINALS

- Neutral Bar 563830 – Solid Bar
- Neutral Bar 563841 – Solid Bar
- Neutral Bar 563990 – Solid Bar

Neutral Bar 563200 – Solid Bar
Neutral Bar 563990 – Solid Bar

Part No. Description L kg/lbs

- 563720 BD 40 A 1 0.22/0.49
- 563740 TD 40 A 1 0.33/0.73

Flexible stranded cable (including terminal up to 50 mm²)
Rigid cable

Part No. Description L kg/lbs

- 563900 BD 80/100 A 1 0.11 64
- 563910 BD 80/100 AL 1 0.21 130
- 563920 BD 80/100 AL 1 0.21 64
- 563930 TD 80/100 A 1 0.31 100
- 563940 TD 80/100 AL 1 0.40 130

Part No. Description L kg/lbs

- 563841 NB 125 A 142 0.17
- 563201 NB 160 A 170 0.20

Part No. Description L kg/lbs

- 563840 NB 125 A 1 0.22/0.49
- 563990 NB 160 A 1 0.33/0.73

Part No. Description L kg/lbs

- 563841 NB 125 A 142 0.17
- 563201 NB 160 A 170 0.20

Part No. Description L kg/lbs

- 563841 NB 125 A 142 0.17
- 563201 NB 160 A 170 0.20

Part No. Description L kg/lbs

- 563841 NB 125 A 142 0.17
- 563201 NB 160 A 170 0.20

Part No. Description L kg/lbs

- 563841 NB 125 A 142 0.17
- 563201 NB 160 A 170 0.20
Two and Four Pole Distribution Blocks

- Easy connections: Input separated from outputs
- Neutral bar: 125A & 160A
- Rail or screw mounting*
- End large terminals: Safe connections
- New Design: solid bars provide reliability
- Improved icc withstanding up to 35 KA
- Strong mechanical assembly

### 2 & 4 POLE 100/125 A

- **2 pole BD 100/125 A**
  
  | I = 125 A IEC |
  | Ui : 690 VCA/CC |

  **BD 100/125 A - 6 TERMINALS**
  
<table>
<thead>
<tr>
<th>Ø</th>
<th>(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.35 x1</td>
<td>9.5</td>
</tr>
<tr>
<td>2.5...6 x5</td>
<td>5.5</td>
</tr>
<tr>
<td>10.25 x1</td>
<td>7.5</td>
</tr>
</tbody>
</table>

  **BD 100/125 AL - 14 TERMINALS**
  
<table>
<thead>
<tr>
<th>Ø</th>
<th>(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.35 x1</td>
<td>9.5</td>
</tr>
<tr>
<td>2.5...6 x5</td>
<td>5.5</td>
</tr>
<tr>
<td>10.25 x3</td>
<td>7.5</td>
</tr>
</tbody>
</table>

- **4 pole TD 100/125 A**
  
  | I = 125 A IEC |
  | Ui : 690 VCA |

  **TD 100/125 A - 6 TERMINALS**
  
<table>
<thead>
<tr>
<th>Ø</th>
<th>(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.35 x1</td>
<td>9.5</td>
</tr>
<tr>
<td>2.5...6 x5</td>
<td>5.5</td>
</tr>
<tr>
<td>10.25 x1</td>
<td>7.5</td>
</tr>
</tbody>
</table>

  **TD 100/125 AL - 10 TERMINALS**
  
<table>
<thead>
<tr>
<th>Ø</th>
<th>(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.35 x1</td>
<td>9.5</td>
</tr>
<tr>
<td>2.5...6 x7</td>
<td>5.5</td>
</tr>
<tr>
<td>10.25 x3</td>
<td>7.5</td>
</tr>
</tbody>
</table>

  **TD 100/125 ALL - 14 TERMINALS**
  
<table>
<thead>
<tr>
<th>Ø</th>
<th>(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.35 x1</td>
<td>9.5</td>
</tr>
<tr>
<td>2.5...6 x11</td>
<td>5.5</td>
</tr>
<tr>
<td>10.25 x3</td>
<td>7.5</td>
</tr>
</tbody>
</table>

* Center to drilling:
- BD 100/125 A = 74 mm
- BD 100/125 AL = 142 mm
- TD 100/125 A = 89 mm
- TD 100/125 AL = 127 mm
- TD 100/125 ALL = 162 mm

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>ICW</th>
<th>IPK</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>563800</td>
<td>BD 100/125 A</td>
<td>4.5</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>563810</td>
<td>BD 100/125 AL</td>
<td>4.5</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>563820</td>
<td>TD 100/125 A</td>
<td>4.5</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>563830</td>
<td>TD 100/125 AL</td>
<td>4.5</td>
<td>30</td>
<td>1</td>
</tr>
<tr>
<td>563840</td>
<td>TD 100/125 ALL</td>
<td>4.5</td>
<td>21</td>
<td>1</td>
</tr>
</tbody>
</table>

### 4 POLE 160 A

- **TD 160 A**
  
  | I = 160 A IEC |
  | Ipka : 35 |
  | Ui : 690 VCA |

  **TD 160 A : 11 TERMINALS**
  
<table>
<thead>
<tr>
<th>Ø</th>
<th>(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.50 x1</td>
<td>12</td>
</tr>
<tr>
<td>10.35 x3</td>
<td>8.5</td>
</tr>
<tr>
<td>2.5...6 x2</td>
<td>5.5</td>
</tr>
</tbody>
</table>

* Center to center drilling : 160 mm

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>ICW</th>
<th>IPK</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>563200</td>
<td>TD 160A</td>
<td>1</td>
<td>0.606</td>
<td></td>
</tr>
</tbody>
</table>

### 4 POLE 160 A

- **TD 160 AL**
  
  | I = 160 A IEC |
  | Ipka : 35 |
  | Ui : 690 VCA |

  **TD 160 AL : 11 TERMINALS**
  
<table>
<thead>
<tr>
<th>Ø</th>
<th>(N.m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.50 x1</td>
<td>12</td>
</tr>
<tr>
<td>10.35 x3</td>
<td>8.5</td>
</tr>
<tr>
<td>2.5...6 x2</td>
<td>5.5</td>
</tr>
</tbody>
</table>

* Center to drilling : 150 mm

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>ICW</th>
<th>IPK</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>563990</td>
<td>TD 160 AL</td>
<td>1</td>
<td>0.74</td>
<td></td>
</tr>
</tbody>
</table>

---

www.erico.com
Four Pole Distribution Blocks – TDL

- Tested and Certified according to IEC 60947-7-1 Ui=1000V
- UL® Recognized for US & Canada
- UL 1059 Ui=600V
- Halogen Free
- UL94 V-0
- RoHS Compliant
- CE Conformity
- GOST

- End large terminal = true capacity
- Easy clip-in fixing
- Visual inspection of wire and confirmation of connection
- Wiring from both sides
- Reinforced plastic parts
- IP 10 hand safe
- Tinned copper bar
- Easy clip-in fixing

Wiring from both sides
Four Pole Distribution Blocks – TDL

- Easy connections: Input separated from outputs
- End large terminals: Safe connections
- Easy input connection: ERICO® FLEXIBAR® - IBS - Cable
- Wiring from Both sides
- Tinned Copper Bars: Copper or Aluminum Cables
- Visual inspection of wire and confirmation of connection
- New Design: solid bars provide reliability
- Strong mechanical assembly
- IP 10 hand safe
- High % of Fill Ratio
- Easy fixing: clip on din rail or mount to panel with screws
- Halogen Free

**TDL 250/400A**
400 A - IEC / 156 mm (6.14")
224 mm (8.82")
121 mm (4.75")
156 mm (6.14")

**Part No.** TDL250A

**Description** ERICO® FLEXIBAR®, IBS (width)

<table>
<thead>
<tr>
<th>Metric</th>
<th>IMETRIC</th>
<th>Description</th>
<th>Icw KA rms 1s</th>
<th>IPk KÂ</th>
<th>Ui</th>
<th>Vin</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20 - 24 mm</td>
<td>35...120 mm²</td>
<td>20</td>
<td>35...120 mm²</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>10...50 mm²</td>
<td>8.5</td>
<td>10...35 mm²</td>
<td>8.5</td>
<td>x1</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>10...35 mm²</td>
<td>6.4</td>
<td>10...25 mm²</td>
<td>6.4</td>
<td>x2</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>6...25 mm²</td>
<td>3.5</td>
<td>6...16 mm²</td>
<td>3.5</td>
<td>x4</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>2.5...16 mm²</td>
<td>2.7</td>
<td>2.5...10 mm²</td>
<td>2.7</td>
<td>x7</td>
</tr>
</tbody>
</table>

**Flexible stranded cable (including terminal up to 50 mm²)**

**Rigid cable**

ERICO® FLEXIBAR®, IBS (width)

- 28 mm (1.1")
- 18 mm (0.7")
- 10.5 mm (0.41")
- 6 mm MAX (0.24")
- 35 - 120 mm² (1/0 AWG - 250 kcmil)
- 27 mm MAX (1.1")
Power Blocks – SB Series

UL94V-0 Flammability Rating
Halogen Free
RoHS Compliant

Gangable

Patented design*
includes screw retaining transparent blue cover

Tinned copper block
For Copper or Aluminum Cables

> 95% fill ratio
Allow conductor connection with or without ferrule

Hinged or removable cover

Voltage detection / Measurement (except SB80 & 125)
Visual inspection of wire and confirmation of connection

Easy fixing
Attaches onto DIN rail with 2-position clip (open/closed), or mounts to panel with screws

UL94V-0 Flammability Rating
Halogen Free
RoHS Compliant

IP 20
Finger safe

*Patent N°: 7,052,333 and 7,134,921

Power Terminals – SBLL

UL94 V-1

Copper or Aluminum cable
Adjustable transparent cover

Tinned copper bar

Quick Connection with Studs

Easy fixing: clip on DIN Rail or mount to panel with screws

Visual inspection of wire and confirmation of connection

ERICO® FLEXIBAR®
Plain or Tinned Copper

• Tested and Certified according to IEC 60947-7-1 Uİ=1000V AC / 1500V DC
• UL® Recognized for US per UL 1059
• Short Circuit Current Rated up to 100 KA (refer to UL file E198301)
• Halogen Free
• RoHS Compliant
Power Blocks & Terminals

SB 80
110 A - IEC
85 A -

- Cable to Cable

SB 125
170 A - IEC
150 A -

- Cable to Cable

<table>
<thead>
<tr>
<th>Metric (Imperial) Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Terminals</td>
</tr>
<tr>
<td>x1</td>
</tr>
<tr>
<td>x1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric (Imperial) Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Terminals</td>
</tr>
<tr>
<td>x1</td>
</tr>
<tr>
<td>x1</td>
</tr>
</tbody>
</table>

- Complete Power Blocks range, from 80A up to 630A IEC® - 85A up to 545A UL®
- Offer multiple connection possibilities with One cable, Two cables or ERICO® FLEXIBAR® and IBSB/IBSBR Power Braid
- Large cross section aluminum/copper conductor connection
- Offer time savings and reliability
- High short-circuit current rating
  - 100kA SCCR (UL)
  - Ipk up to 51kA (IEC)
- High voltage values under IEC & UL certification (minimum of 1000V AC/DC)
- Modular: individual modules are stackable for multiple applications
Power Blocks & Terminals

SB 160
250 A - IEC
200 A -

- Cable to Cable

- Icw KA rms 1s : 14.4
- IPk KÂ : 42
- Ui : 1000 V AC IEC
- Ul : 1500 V DC IEC
- Vin : 1250 V UL

SB 250
400 A - IEC
255 A -

- Cable to Cable

- Icw KA rms 1s : 14.4
- IPk KÂ : 42
- Ui : 1000 V AC IEC
- Ul : 1500 V DC IEC
- Vin : 1250 V UL

Metric (Imperial) Chart

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Conductor Size mm² (AWG)</th>
<th>Ø mm (in)</th>
<th>Torque N·m (in-lbs)</th>
<th>Strip Length mm (in)</th>
<th>Strip Length mm (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1</td>
<td></td>
<td>35...70 (2...3/0)</td>
<td>14,0 (.55)</td>
<td>10,7 (95.0)</td>
<td>25,0 (.98)</td>
<td>8 (5/16)</td>
</tr>
<tr>
<td>x3</td>
<td></td>
<td>35...70 (2...3/0)</td>
<td>14,0 (.55)</td>
<td>10,7 (95.0)</td>
<td>25,0 (.98)</td>
<td>8 (5/16)</td>
</tr>
</tbody>
</table>

Metric rigid stranded cable / AWG stranded cable
Metric flexible stranded cable

Part No. | Description | Conductor Size mm² (AWG) | Ø mm (in) | Torque N·m (in-lbs) | Strip Length mm (in) | Strip Length mm (in) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>561151</td>
<td>SB 160</td>
<td>1</td>
<td>0,18/0,40</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Part No. | Description | Conductor Size mm² (AWG) | Ø mm (in) | Torque N·m (in-lbs) | Strip Length mm (in) | Strip Length mm (in) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>561159</td>
<td>SB 250</td>
<td>1</td>
<td>0,30/0,66</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Power Blocks & Terminals**

### SB 400
**500 A - IEC**
**335 A - UL**
- Cable to Cable

I = 500 A IEC
I = 335 A UL
- Icw KA rms 1s: 28.8
- IPk KA: 51
- Ui: 100 V AC IEC
- Ul: 1500 V DC IEC
- Vm: 1250 V UL

### SBF 400
**405/445* A - IEC**
**335 A - UL**
- Cable to ERICO® FLEXIBAR® / Insulated power braid

I = 405/445* A IEC
I = 335 A UL
- Icw KA rms 1s: 28.8
- IPk KA: 51
- Ui: 1000 V AC IEC
- Ul: 1500 V DC IEC
- Vm: 1000 V UL

*405 A IEC: BSB/BSBR*  
*445 A IEC: ERICO® FLEXIBAR®*

### Metric (Imperial) Chart

<table>
<thead>
<tr>
<th>No. Terminals</th>
<th>Conductor</th>
<th>Size (mm²)</th>
<th>Ø (mm)</th>
<th>Torque N-m (in-lbs)</th>
<th>Strip Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1</td>
<td>ERICO® FLEXIBAR®</td>
<td>95...240 (3/0...400)</td>
<td>21.0 (.83)</td>
<td>29.8 (264)</td>
<td>30.0 (1.18)</td>
</tr>
<tr>
<td>x1</td>
<td>IBSB/BSBR 100</td>
<td>95...240 (3/0...400)</td>
<td>21.0 (.83)</td>
<td>29.8 (264)</td>
<td>30.0 (1.18)</td>
</tr>
</tbody>
</table>

### Part No. Description

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Qty</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>561152</td>
<td>SB 400</td>
<td>1</td>
<td>0.51/1.13</td>
</tr>
<tr>
<td>561153</td>
<td>SBF 400</td>
<td>1</td>
<td>0.56/1.23</td>
</tr>
</tbody>
</table>
### SB2C 400
600 A - IEC
335 A - UL

- Cable to Two Cables

- $I = 600$ A IEC
- $I = 335$ A UL
- $I_{cw}$ KA rms 1s : 28.8
- $I_{pk}$ KA : 51
- $U_{i}$ : 1000 V AC IEC
- $U_{i}$ : 1500 V DC IEC
- $V_{in}$ : 1000 V UL

### SBF2C 400
500/560* A - IEC
335 A - UL

- Two Cable to ERICO® FLEXIBAR® / Insulated Power braid

- $I = 500/560$ A IEC
- $I = 335$ A UL
- $I_{cw}$ KA rms 1s : 28.8
- $I_{pk}$ KA : 51
- $U_{i}$ : 1000 V AC IEC
- $U_{i}$ : 1500 V DC IEC
- $V_{in}$ : 1000 V UL

*500 A IEC: IBSB/IBSBR
*560 A IEC: ERICO® FLEXIBAR®

---

### Metric (Imperial) Chart

<table>
<thead>
<tr>
<th>No. Terminals</th>
<th>Conductor</th>
<th>Size (mm² (AWG))</th>
<th>Ø (mm (in))</th>
<th>Torque N (in-lbs)</th>
<th>Strip Length mm (in)</th>
<th>Strip Length mm (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1</td>
<td>ERICO® FLEXIBAR®</td>
<td>95...240 (30...400)</td>
<td>21,0 (0.83)</td>
<td>29,8 (264)</td>
<td>30,0 (1.18)</td>
<td>10 (3/8)</td>
</tr>
<tr>
<td>x1</td>
<td>IBSB/IBSBR</td>
<td>95...240 (30...400)</td>
<td>21,0 (0.83)</td>
<td>29,8 (264)</td>
<td>30,0 (1.18)</td>
<td>10 (3/8)</td>
</tr>
<tr>
<td>x2</td>
<td>35...120 (2...250)</td>
<td>15,0 (0.59)</td>
<td>19,0 (168)</td>
<td>A. 26, B. 52</td>
<td>A. 1.02, B. 2.04</td>
<td>8 (5/16)</td>
</tr>
<tr>
<td>x2</td>
<td>35...120 (2...250)</td>
<td>15,0 (0.59)</td>
<td>19,0 (168)</td>
<td>A. 26, B. 52</td>
<td>A. 1.02, B. 2.04</td>
<td>8 (5/16)</td>
</tr>
</tbody>
</table>

---

### Metric (Imperial) Chart

<table>
<thead>
<tr>
<th>No. Terminals</th>
<th>Conductor</th>
<th>Size (mm² (AWG))</th>
<th>Ø (mm (in))</th>
<th>Torque N (in-lbs)</th>
<th>Strip Length mm (in)</th>
<th>Strip Length mm (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1</td>
<td>ERICO® FLEXIBAR®</td>
<td>35...120 (2...250)</td>
<td>15,0 (0.59)</td>
<td>19,0 (168)</td>
<td>A. 26, B. 52</td>
<td>A. 1.02, B. 2.04</td>
</tr>
</tbody>
</table>

---

### Metric (Imperial) Chart

<table>
<thead>
<tr>
<th>No. Terminals</th>
<th>Conductor</th>
<th>Size (mm² (AWG))</th>
<th>Ø (mm (in))</th>
<th>Torque N (in-lbs)</th>
<th>Strip Length mm (in)</th>
<th>Strip Length mm (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1</td>
<td>ERICO® FLEXIBAR®</td>
<td>35...120 (2...250)</td>
<td>15,0 (0.59)</td>
<td>19,0 (168)</td>
<td>A. 26, B. 52</td>
<td>A. 1.02, B. 2.04</td>
</tr>
</tbody>
</table>

---

### Power Blocks & Terminals

**Part No.**
**Description**
**kg/lbs**
561154 SB2C 400 1 0.73/1.61

---

**Part No.**
**Description**
**kg/lbs**
561155 SBF2C 400 1 0.76/1.67
**Power Blocks & Terminals**

**SB 630**  
870 A - IEC  
545 A -

- Cable to Cable

- Icw KA rms 1s : 60.0
- Ip KA : 51
- Ul : 1000 V AC IEC
- Ul : 1500 V DC IEC
- Vin : 1250 V UL

**SBF 630**  
800/805* A - IEC  
545 A -

- Cable to ERICO® FLEXIBAR® / Insulated Power braid

- Icw KA rms 1s : 60.0
- Ip KA : 51
- Ul : 1000 V AC IEC
- Ul : 1500 V DC IEC
- Vin : 1000 V UL

---

**Metric (Imperial) Chart**

<table>
<thead>
<tr>
<th>No.</th>
<th>Terminals</th>
<th>Conductor</th>
<th>Size mm² (kcmil)</th>
<th>Ø mm (in)</th>
<th>Torque N·m (in-lbs)</th>
<th>Strip Length mm (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1</td>
<td></td>
<td>240...500</td>
<td>31,0 (1.22)</td>
<td>45,2</td>
<td>50,0 (1.97)</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(400...1000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>x1</td>
<td></td>
<td>240...500</td>
<td>31,0 (1.22)</td>
<td>45,2</td>
<td>50,0 (1.97)</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(400...1000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Part No.** | **Description** | **kg/lbs**
---|----------------|------
561156 | SB 630 | 1,20/2.64

---

**Metric (Imperial) Chart**

<table>
<thead>
<tr>
<th>No.</th>
<th>Terminals</th>
<th>Conductor</th>
<th>Size mm² (kcmil)</th>
<th>Ø mm (in)</th>
<th>Torque N·m (in-lbs)</th>
<th>Strip Length mm (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>x1</td>
<td></td>
<td>ERICO® FLEXIBAR®</td>
<td>2x20x1 - 8x32x1</td>
<td>100, 240</td>
<td>N/A</td>
<td>13,5 (120)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IBSB/BSBR</td>
<td></td>
<td></td>
<td></td>
<td>50.0 (1.97)</td>
</tr>
<tr>
<td>x1</td>
<td></td>
<td>240...500</td>
<td>31,0 (1.22)</td>
<td>45,2</td>
<td>50.0 (1.97)</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(400...1000)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Part No.** | **Description** | **kg/lbs**
---|----------------|------
561157 | SB 630 | 1,39/3.07
### Power Terminals – SBLL

**SBLL 250**
- **290 A - IEC**
- 255 A -
- Modular: individual modules are stackable for multipole applications.
- SBLEC required for direct panel mount.

**SBLL 500**
- **750 A - IEC**
- 475 A -
- Modular: individual modules are stackable for multipole applications.

**SBLL 800**
- **1250 A - IEC**
- 800 A -
- Modular: individual modules are stackable for multipole applications.

#### Locking Set Screw
5 in-lbs (0.56 Nm)

### Part Numbers and Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Icw KA rms 1s</th>
<th>Ipk KA</th>
<th>Ui</th>
<th>Vin</th>
<th>I = 290 A IEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>561132</td>
<td>SBLL 250</td>
<td>1</td>
<td>0,16</td>
<td>0,35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>561134</td>
<td>SBLL 500</td>
<td>1</td>
<td>0,34</td>
<td>0,75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>561136</td>
<td>SBLL 800</td>
<td>1</td>
<td>0,7</td>
<td>1,54</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Center to Center Drilling
66 mm (2.6")

### Technical Specifications
- Tinned Copper Bar
- Visual inspection of wire and confirmation of connection
- Quick connection with studs
- Easy connection on ERICO® FLEXIBAR®
- Adjustable transparent cover
- Halogen Free
- Self extinguishing: UL94 V-1
- Easy fixing: clip on din rail with end cap or mount to panel with screws
- Short Circuit Rated up to 100 KA - See UL file E198301
- RoHS Compliant

---

*NEW 1000V UL® & IEC*

---

**SBLEC**

---

**Part No.**
561138 SBLEC 1 0,01/0,02
Power Terminals – SBLT

- Tested and Certified according to IEC 60947-7-1
  Ui=1000VAC / 1500VDC
- UL® Recognized for US & Canada
- UL 1059
- Short Circuit Current Rated up to 100 KA
- Halogen Free
- UL94 V-1
- RoHS Compliant
- CE Conformity
- GOST

Power Terminals – SBTT

- Visual inspection of wire and confirmation of connection
- Adjustable transparent cover
- Easy fixing: clip on DIN Rail or mount to panel with screws
- Copper or Aluminum cable
- Tinned copper block
- Voltage detection (SBLT500 & 800)

ERICO® FLEXIBAR®
Plain or Tinned Copper

Voltage detection (SBTT500 & 800)

Visual inspection of wire and confirmation of connection

ERICO®
**Power Terminals – SBLT**

- **SBLT 250**
  - 350 A - IEC
  - 300 A - UL/CSA
  - Modular: individual modules are stackable for multipole applications.
  - SBLEC required for direct panel mount.

- **SBLT 350**
  - 500 A - IEC
  - 310 A - UL/CSA
  - Modular: individual modules are stackable for multipole applications.
  - SBLEC required for direct panel mount.

### Specifications
- Tinned Copper Block: Copper or Aluminum Cables
- Visual inspection of wire and confirmation of connection
- Quick connection with studs or tunnel
- Easy connection on ERICO® FLEXIBAR® or Cable
- Adjustable transparent cover
- Halogen Free
- Self extinguishing: UL94 V-1
- Easy fixing: clip on din rail with end cap or mount to panel with screws
- Short Circuit Rated up to 100 KA - See UL® file E198301
- RoHS Compliant

### Part Numbers
- **SBLT 250**
  - Part No.: 561140
  - Description: SBLT 250
  - \( \text{Part No.} \quad \text{Description} \quad \text{\( I (N.m) \)} \quad \text{\( I (N.m) \)} \quad 0 \)
  - \( \text{METRIC*} \quad \text{\( \text{\( \text{ERICO FLEXIBAR or cable with lug} \)} \quad 10 \ldots 50 \quad 8.5 \quad 10 \ldots 35 \quad 8.5 \quad x2 \quad 10 \)
  - \( \text{IMPERIAL} \quad \text{\( \text{AWG} \)} \quad \text{\( \text{\( \text{ERICO FLEXIBAR or cable with lug} \)} \quad 8 \ldots 10 \quad 168 \quad x2 \quad 0.394 \)

- **SBLT 350**
  - Part No.: 561142
  - Description: SBLT 350
  - \( \text{Part No.} \quad \text{Description} \quad \text{\( I (N.m) \)} \quad \text{\( I (N.m) \)} \quad 0 \)
  - \( \text{METRIC*} \quad \text{\( \text{\( \text{ERICO FLEXIBAR or cable with lug} \)} \quad 35 \ldots 185 \quad 25 \quad 35 \ldots 150 \quad 25 \quad x1 \quad 20 \)
  - \( \text{IMPERIAL} \quad \text{\( \text{AWG} \)} \quad \text{\( \text{\( \text{ERICO FLEXIBAR or cable with lug} \)} \quad 2 \ldots 350 \quad 221 \quad x1 \quad 0.787 \)

*Flexible stranded cable (including terminal up to 50 mm²)
*Rigid cable

UL® Recognized & IEC® Conformity
**Power Blocks & Terminals**

### SBLT 500

**750 A - IEC**

- **500 A - UL/CSA**
- Modular: individual modules are stackable for multipole applications.

- Icw KA rms 1s: 28.8
- IpK KA: 52
- Ul: 1000 VAC / 1500 VDC IEC
- Vin: 1000 V AC/DC UL

- 205.7 mm (8.1”)
- 85.1 mm (3.35”)
- 108.0 mm (4.25”)
- 66.0 mm (2.6”)
- 35 mm (1.4”)
- 10 - 50 mm IEC
- 20 - 40 mm UL
- 10 mm (0.4”)
- 50 mm (2.0”)

<table>
<thead>
<tr>
<th>METRIC*</th>
<th>Ω</th>
<th>Ω</th>
<th>Ω</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERICO FLEXIBAR or cable with lug</td>
<td>16...120</td>
<td>19</td>
<td>x2</td>
</tr>
</tbody>
</table>

| IMPERIAL | AWG | Ω | Ω | Ω |
|---------------|---------------|---------------|---------------|
| ERICO FLEXIBAR or cable with lug | 6...250 | 168 | x2 | 0.59 | 168 |

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Ω</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>561144</td>
<td>SBLT 500</td>
<td>1</td>
<td>0.61 / 1.34</td>
</tr>
</tbody>
</table>

*Flexible stranded cable (including terminal up to 50 mm²)
* Rigid cable

### SBLT 800

**1250 A - IEC**

- **760 A - UL/CSA**
- Modular: individual modules are stackable for multipole applications.

- Icw KA rms 1s: 57.6
- IpK KA: 75
- Ul: 1000 VAC / 1500 VDC IEC
- Vin: 1000 V AC/DC UL

- 205.7 mm (8.1”)
- 75.0 mm (2.95”)
- 115.0 mm (4.53”)
- 35 mm (1.4”)
- 2 x (35 - 300 mm²)
- 2 x (1AWG - 500 kcmil)
- 10 - 80 mm IEC
- 20 - 40 mm UL
- 10 mm (0.4”)
- 40 mm (1.6”)

<table>
<thead>
<tr>
<th>METRIC*</th>
<th>Ω</th>
<th>Ω</th>
<th>Ω</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERICO FLEXIBAR or cable with lug</td>
<td>95...240</td>
<td>34</td>
<td>x2</td>
</tr>
</tbody>
</table>

| IMPERIAL | AWG | Ω | Ω | Ω |
|---------------|---------------|---------------|---------------|
| ERICO FLEXIBAR or cable with lug | 3/0...500 | 300 | x2 | 0.866 | 300 |

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Ω</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>561146</td>
<td>SBLT 800</td>
<td>1</td>
<td>1.09 / 2.40</td>
</tr>
</tbody>
</table>

### SBLEC

- Locking Set Screw 5 in-lbs (0.56 Nm)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Ω</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>561138</td>
<td>SBLEC</td>
<td>1</td>
<td>0.01 / 0.02</td>
</tr>
</tbody>
</table>
Power Terminals – SBTT

**SBTT 250**

- **350 A - IEC**
- **300 A - UL**

- Modular: individual modules are stackable for multipole applications.
- SBLEC required for direct panel mount.

![SBTT 250 Image](image)

### Specifications

- **I = 350 A IEC**
- **I = 300 A UL/CSA**
- Low KA rms 1s: 22.2
- IPk KA: 43
- UL: 1000 VAC / 1500 VDC IEC
- VIN: 1000 V AC/DC UL

### Part Numbers

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Dimensions (in)</th>
<th>Weight (kg/lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>561141</td>
<td>SBTT 250</td>
<td>66 / 108.0</td>
<td>0.26 / 0.57</td>
</tr>
</tbody>
</table>

---

**SBTT 350**

- **500 A - IEC**
- **310 A - UL**

- Modular: individual modules are stackable for multipole applications.
- SBLEC required for direct panel mount.

![SBTT 350 Image](image)

### Specifications

- **I = 500 A IEC**
- **I = 310 A UL/CSA**
- Low KA rms 1s: 10.2
- IPk KA: 30
- UL: 1000 VAC / 1500 VDC IEC
- VIN: 1000 V AC/DC UL

### Part Numbers

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Dimensions (in)</th>
<th>Weight (kg/lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>561143</td>
<td>SBTT 350</td>
<td>66 / 108.0</td>
<td>0.33 / 0.73</td>
</tr>
</tbody>
</table>

---

*Flexible stranded cable (including terminal up to 50 mm²)*

*Rigid cable*
## SBTT 500
### 750 A - IEC
### 500 A - cULus
- Modular: individual modules are stackable for multipole applications.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th><strong>(in/lb)</strong></th>
<th><strong>(N.m)</strong></th>
<th>ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>561145</td>
<td>SBTT 500</td>
<td>66.0 / 1.32</td>
<td>15...120</td>
<td>16...120</td>
</tr>
</tbody>
</table>

### METRIC*

### IMPERIAL

### SBTT 800
### 1250 A - IEC
### 760 A - cULus
- Modular: individual modules are stackable for multipole applications.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th><strong>(in/lb)</strong></th>
<th><strong>(N.m)</strong></th>
<th>ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>561147</td>
<td>SBTT 800</td>
<td>115.0 / 2.95</td>
<td>34...185</td>
<td>50...185</td>
</tr>
</tbody>
</table>

### METRIC*

### IMPERIAL

### SBLEc

*Flexible stranded cable (including terminal up to 50 mm²)*

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th><strong>(in/lb)</strong></th>
<th><strong>(N.m)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>561138</td>
<td>SBLEc</td>
<td>0.01 / 0.22</td>
<td></td>
</tr>
</tbody>
</table>
Four Pole Distribution Blocks

**TR 125A**
Threaded bars
12 x 4 - I = 125 A
- Easy clip in fixing for DIN rail or sheet steel
- Protection screen on 5 sides
- Equipped with a current input plug M6
- 5 outlets M5 per phase

**TR 250A**
Threaded bars
20 x 5 - I = 250 A
- Easy fixing for DIN rail G or sheet steel
- Incomers right or left Ø 8 mm
- 4 outlets M6 per phase

**TRC 400A**
Threaded bars
32 x 5 in W - I = 400 A
- Easy connections due to inclined bars
- Equipped with a current input plug M10
- 10 outlets M6 per phase

**TRS 160A**
Threaded bars
15 x 5 - I = 160 A
- Easy fixing for DIN rail G or sheet steel
- Incomers right or left Ø 8 mm
- 6 outlets M6 per phase

**TR 400A**
Threaded bars
32 x 5 - I = 400 A
- Easy fixing for DIN rail or sheet steel
- 1 incomer Ø 10 mm
- 8 outlets M6 per phase

**TRC 630A**
Threaded bars
30 x 10 - I = 630 A
- Incomers Ø 10 mm
- 8 outlets M8 per phase

---

- A complete range from 125 A to 630 A
- Transparent protection cover
- Large accessibility for wiring
- Pre-assembled
- Self Extinguishing: UL94 V-0
- RoHS Compliant

---

Part No. | Description  | Code | Material
--- | --- | --- | ---
563150 | TR 125A | 1 | 0,684
563170 | TR 250A | 1 | 1,30
563180 | TRC 400A | 1 | 2,65
563160 | TRS 160A | 1 | 1,15
562010 | TR 400A | 1 | 2,83
563190 | TRC 630A | 1 | 4,80

---

IEC 61439.1
Four Pole Insulating Supports

BS/BSC 125A
125A - 160A
- For copper bars 12 x 4 and 15 x 5
- Easy connection
- Can be fixed on DIN rail using the DR clips or on metal sheet with the M6 screws enclosed in the packing.
- Halogen-free

1) Screw to lock the support
2) Direct fixing of the screen with self-tapping screw
3) Assemble on metal sheet

• BS 125A Ui = 1000 V
• BSC 125A Ui = 630 V

BS 250A
160A - 250A
- For copper bars M6 15 x 5 and 20 x 5
- Compact
- Mounting with M6 screws
- Possible fitting of a protective screen, by adding spacers
- Halogen-free

• Ui = 630 V

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>551300</td>
<td>BS 250A</td>
<td>10</td>
<td>0,050</td>
</tr>
</tbody>
</table>

BS 400A
160A - 630A
- For copper bars 15 x 5 – 20 x 5 – 32 x 5 – 20x10 – 30 x 10
- Easy clip in fixing for DIN rail or sheet steel
- Can be equipped with a protective screen or adjustable height
- Halogen-free

• Ui = 1000 V

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>551250</td>
<td>BS 400A</td>
<td>2</td>
<td>0,220</td>
</tr>
</tbody>
</table>

To assemble customized distribution blocks 4 poles stair type
- Glass fiber reinforced polyamide
- Self-extinguishing material: UL 94 V-0
- Direct fixing of screen
- Easy clip in fixing for DIN rail or sheet steel
- RoHS Compliant
- Halogen Free

IEC 61439.1

Spacing calculation accordingly to Icc withstanding: see Technical Section

Transparent cover: See page 30

Part No. Description | | |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>551311   BS B 125A</td>
<td>10</td>
<td>0,100</td>
</tr>
<tr>
<td>551321   BSC B 125A</td>
<td>10</td>
<td>0,100</td>
</tr>
</tbody>
</table>
Dissectable PEN System

**A Unique solution for TN-C/TN-S Networks**

- Application: dedicated product allowing separation from PEN to PE+N
- Composition: safe disconnectable system
- Clear identification
- Prevent measurement errors
- Avoid reconnection errors
- Complies to requests from inspection bodies
- Screen stickers included in 12 languages

---

**PEN-D 75²**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>568800</td>
<td>PEN-D 75²</td>
<td>0.55/1.21</td>
</tr>
</tbody>
</table>

**PEN-D 100²**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>568805</td>
<td>PEN-D 100²</td>
<td>0.80/1.76</td>
</tr>
</tbody>
</table>

**PEN-D 300²**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>kg/lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>568810</td>
<td>PEN-D 300²</td>
<td>1.52/3.35</td>
</tr>
</tbody>
</table>

---

**Unique in the Market**
PEN-D Wiring in distribution board

TN-S Distribution

Dedicated TN-S Power Supply
DMH M4/M5/M6
Metallische Spanten
- Metallische hexagonale Spanten
- Zinkbeschichtete Stahl
- Zum Aufbau von Platten, Grills oder Profile
- Male-female ermöglichen stabile Montage
- Siehe Zeichnung auf DH

Spacers & Accessories

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>L (mm)</th>
<th>Ø (mm)</th>
<th>A (mm)</th>
<th>B (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>561560</td>
<td>DMH 15M4</td>
<td>15</td>
<td>M4</td>
<td>8-10</td>
<td>7</td>
</tr>
<tr>
<td>561600</td>
<td>DMH 30M4</td>
<td>30</td>
<td>M4</td>
<td>8-10</td>
<td>7</td>
</tr>
<tr>
<td>561610</td>
<td>DMH 40M4</td>
<td>40</td>
<td>M4</td>
<td>8-10</td>
<td>7</td>
</tr>
<tr>
<td>561620</td>
<td>DMH 50M4</td>
<td>50</td>
<td>M4</td>
<td>8-10</td>
<td>7</td>
</tr>
<tr>
<td>561640</td>
<td>DMH 60M4</td>
<td>60</td>
<td>M4</td>
<td>8-10</td>
<td>7</td>
</tr>
<tr>
<td>561660</td>
<td>DMH 15M5</td>
<td>15</td>
<td>M5</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>561670</td>
<td>DMH 20M5</td>
<td>20</td>
<td>M5</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>561680</td>
<td>DMH 30M5</td>
<td>30</td>
<td>M5</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>561690</td>
<td>DMH 45M5</td>
<td>45</td>
<td>M5</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>561700</td>
<td>DMH 55M5</td>
<td>55</td>
<td>M5</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>561710</td>
<td>DMH 70M5</td>
<td>70</td>
<td>M5</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561720</td>
<td>DMH 85M5</td>
<td>85</td>
<td>M5</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561730</td>
<td>DMH 120M5</td>
<td>120</td>
<td>M5</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561740</td>
<td>DMH 15M6</td>
<td>15</td>
<td>M6</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>561750</td>
<td>DMH 20M6</td>
<td>20</td>
<td>M6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561760</td>
<td>DMH 30M6</td>
<td>30</td>
<td>M6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561770</td>
<td>DMH 45M6</td>
<td>45</td>
<td>M6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561780</td>
<td>DMH 55M6</td>
<td>55</td>
<td>M6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561790</td>
<td>DMH 70M6</td>
<td>70</td>
<td>M6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561800</td>
<td>DMH 85M6</td>
<td>85</td>
<td>M6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>561810</td>
<td>DMH 120M6</td>
<td>120</td>
<td>M6</td>
<td>7</td>
<td>13</td>
</tr>
</tbody>
</table>

DH M5/M6
Cap nuts
- Male-female
- Elektrotechnische Anwendungen
- Isolierende Teil aus Polystyrol
- Gewindedüse aus verzinktem Stahl
- Arbeitstemperatur bis zu 80°C
- Isolationsspannung 1000 V

560810 CAPN6 M6 100 0,001
560820 CAPN15 M6 100 0,003
560830 CAPN16 M6 100 0,003
560840 CAPB5 M6 100 0,004
560850 CAPB6 M6 100 0,004

CAPN-CAPB
Cap nuts
- Male-female
- Elektrotechnische Anwendungen
- Isolierende Teil aus Polystyrol
- Gewindedüse aus verzinktem Stahl
- Arbeitstemperatur bis zu 80°C
- Isolationsspannung 1000 V

560690 DH 15M5 15 M5 7 13 100 0,004
560670 DH 20M5 20 M5 7 13 100 0,005
560690 DH 30M5 30 M5 7 13 100 0,006
560610 DH 45M5 45 M5 7 13 100 0,009
560620 DH 55M5 55 M5 7 13 100 0,011
560630 DH 70M5 70 M5 7 13 100 0,014
560640 DH 85M5 85 M5 7 13 100 0,017
560650 DH 120M5 120 M5 7 13 100 0,024
560740 DH 15M6 15 M6 7 13 100 0,004
560750 DH 20M6 20 M6 7 13 100 0,005
560700 DH 30M6 30 M6 7 13 100 0,009
560710 DH 45M6 45 M6 7 13 100 0,013
560720 DH 70M6 70 M6 7 13 100 0,020
560730 DH 120M6 120 M6 7 13 100 0,035

PS Protection screen
(made from PVC)
- Ui = 1000 V

561320 P5100x20x3 1000 1000 3 BSC 125A/S 10 0,302
561330 P5100x120x3 500 120 3 BSC 125A/S 10 0,213
551330 P51250x12x3 500 126 3 BSC 125A/S 10 0,224
551340 P5100x59x3 1000 99 3 BSC 125A/S 10 0,498
561820 P5100x250x3 1000 250 3 BSC 125A/S 10 1,030
551260 P5100x250x3 1000 250 3 BSC 125A/S 10 0,224
551270 P5100x250x3 1000 250 3 BSC 125A/S 10 1,030
551820 P5100x200x3 1000 200 3 - 1 8,4

www.erico.com
**Flexible Conductors**
Solutions to Optimize the Design of Electrical Power & Earth/ Ground Connections

The Flexible Conductors catalog highlights a range of high-quality products to optimize the design of low-voltage power and ground connections for a variety of applications.

**ERIFLEX®**
FLEXIBAR Folding & Bending Tools

Fold and bend ERIFLEX® FLEXIBAR quickly without insulation damage, up to 10x120x1 / 12x100x1 with manual bending and folding tools.

**Hydraulic & Manual Tools**

ERIFLEX® hydraulic and manual tools for ERIFLEX FLEXIBAR flexible busbar and copper busbar manipulation and transformation.

**Earthing & Grounding Products**

Specific document for earthing and grounding solutions.

**Wind Power Solutions**

Foundation grounding and construction, power connections, surge protection and lightning protection products for the wind energy industry.

**Solar Power Solutions**

Grounding, lightning protection, electrical connection and cable management solutions for the solar power industry.

**Solutions for Electrical Power & Earth Connections**

Solutions for Electrical Power & Earth Connections catalog.

**ERIFLEX®**
FLEXIBAR Performance with Frequency

Specific ERIFLEX FLEXIBAR technical data for high frequency applications.