The ABB distribution range is the preferred choice for primary power distribution. The exclusive compact and modular design allows easy installation combined with a great flexibility of use.

**Improve installation efficiency**

The benefit of 3 configurations in 1 product
Single or multiple poles splitter and grouping.

Flexible cover facilitates identification and wiring
Reversible, two directions opening, all wiring data’s on top.

**More control in smaller space**

Save up to 50% rail space
Compare to conventional distribution bars thanks to our modular compact design.

**Cost effective solution**

1 500 V DC voltage rating
Adapted to most recent solar inverters requirements.

Reduce wiring, inventories, hardware and assembly costs
Accept aluminum or copper conductor. Stocks 1 product get 3 configurations. Reduces assembly time by 80% compare to conventional systems thanks to our modular and touch proof concept.

**Main applications**

A great flexibility of use whatever your application
- Commercial and Construction
- Industrial
- Solar
- HVAC.
## DBL range overview

*From 80 to 400 A - Single pole or multipole*

### Max current

<table>
<thead>
<tr>
<th>Max current</th>
<th>IEC</th>
<th>UL/CSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cu: 80 A</td>
<td>Al: 63 A</td>
<td>Cu: 80 A</td>
</tr>
<tr>
<td>Cu: 125 A</td>
<td>Al: 100 A</td>
<td>Cu: 125 A</td>
</tr>
<tr>
<td>Cu: 160 A</td>
<td>Al: 135 A</td>
<td>Cu: 160 A</td>
</tr>
<tr>
<td>Cu: 175 A</td>
<td>Al: 135 A</td>
<td>Cu: 175 A</td>
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<tr>
<td>Cu: 250 A</td>
<td>Al: 200 A</td>
<td>Cu: 250 A</td>
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<tr>
<td>Cu: 400 A</td>
<td>Al: 300 A</td>
<td>Cu: 400 A</td>
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</table>

### Connection type

<table>
<thead>
<tr>
<th>Connection type</th>
<th>Diameter of cable Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexible with ferrule</td>
<td>mm²</td>
</tr>
<tr>
<td>Stranded</td>
<td>AWG</td>
</tr>
<tr>
<td>Rigid (solid)</td>
<td>AWG</td>
</tr>
</tbody>
</table>

### Max cross section

<table>
<thead>
<tr>
<th>Max cross section</th>
<th>Flexible with ferrule</th>
<th>Stranded</th>
<th>Rigid (solid)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter of cable Ø</td>
<td>mm²</td>
<td>mm²</td>
<td>mm²</td>
</tr>
<tr>
<td>Flexible with ferrule</td>
<td>2.5 ... 16</td>
<td>14 ... 6</td>
<td>2.5 ... 16</td>
</tr>
<tr>
<td>Stranded</td>
<td>14 ... 6</td>
<td>2.5 ... 16</td>
<td></td>
</tr>
<tr>
<td>Rigid (solid)</td>
<td>14 ... 10</td>
<td>2.5 ... 6</td>
<td></td>
</tr>
</tbody>
</table>

### Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Order code</th>
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<tbody>
<tr>
<td>DBL80</td>
<td>1SNL308010R0000</td>
</tr>
<tr>
<td>DBL125</td>
<td>1SNL312510R0000</td>
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<tr>
<td>DBL160</td>
<td>1SNL316010R0000</td>
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<tr>
<td>DBL175</td>
<td>1SNL317510R0000</td>
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<td>DBL250</td>
<td>1SNL325010R0000</td>
</tr>
<tr>
<td>DBL400</td>
<td>1SNL340010R0000</td>
</tr>
</tbody>
</table>

### Pkg qty

| Pkg qty | 1 |

### Rated voltage

1000 V AC, 1500 V DC (IEC) / 1000 V AC/DC (UL/CSA)

For more information, please contact:

**ABB France**  
Electrification Products Division  
Low Voltage Products and Systems  
3, rue Jean Perrin  
F-69687 Chassieu cedex / France

http://new.abb.com/low-voltage/dbl

http://new.abb.com/low-voltage/connection