UniGear Type ZS4
Air-insulated double busbar switchgear
12 kV/17,5 kV
Double busbar switchgear UniGear Type ZS4

Air-insulated double busbar switchgear UniGear Type ZS4

- 12 kV, …3150 A (max. 4000 A), …31.5 kA
- 17.5 kV, …3150 A (max. 4000 A), …31.5 kA
Double busbar switchgear UniGear Type ZS4

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage (kV)</td>
<td>12</td>
</tr>
<tr>
<td>Rated voltage (kV)</td>
<td>17.5</td>
</tr>
<tr>
<td>Rated current of the busbar (A)</td>
<td>... 4000</td>
</tr>
<tr>
<td>Rated current of the tee-offs (A)</td>
<td>... 4000</td>
</tr>
<tr>
<td>Rated short-circuit breaking current (kA)</td>
<td>... 31.5</td>
</tr>
<tr>
<td>Width (mm)</td>
<td>650</td>
</tr>
<tr>
<td>Tee-off current up to 1250 A (mm)</td>
<td>650</td>
</tr>
<tr>
<td>Tee-off current over 1250 A (mm)</td>
<td>1000</td>
</tr>
<tr>
<td>Height (mm)</td>
<td>2750</td>
</tr>
<tr>
<td>Depth (mm)</td>
<td>1500</td>
</tr>
</tbody>
</table>

1) higher values on request
Double busbar switchgear UniGear Type ZS4

Overview
panel variants
Double busbar switchgear UniGear Type ZS4

Compartments:
1.1 Busbar 1
1.2 Busbar 2
2 Auxiliary
3 Circuit breaker
4 Cable

Main components:
A Busbar systems
B Busbar disconnector
C Bushings
D Current Transformer or Combi Sensor
E Voltage Transformer
F Earthing switch
G Cable connectors
Double busbar switchgear UniGear Type ZS4

More flexibility
- Large range of panel variants that can be configured as required
- Protection via conventional transformers or modern sensor technology
- All standard cable termination types can be installed

Operation and safety
- Internal arc tested acc. Pehla criteria
- Reinforced doors and panels
- Truck operation with closed door
- Metallic shutters, connected to earth
- Metallic segregation of all the compartments
Double busbar switchgear UniGear Type ZS4

Designed for low total lifetime costs

- Maximum safety for operators
- Particularly compact design
- Same main dimensions for all technical parameters
- Designed particularly for DBB applications – no „add on“ to SBB
- Use of different switching units: Vacuum CB‘s, SF6 CB‘s, Vacuum contactors
- A great number of protection concepts is possible
- Possibility for the connection of XLPE-cable up to 1000 mm²
- Small process costs over the entire service life of the switchboard