Medium Voltage Products

UniGear ZS2
36 kV, 2500A, 31.5 kA Medium voltage, arc-proof switchgear

- Air insulated switchgear
- LSC2B-PM type according to IEC 62271-200
- Interchangeable Vacuum and SF6 Gas Circuit breaker
- Compact dimensions
- Construction with ALUZINK sheet without welding points
- Space saving by wall standing solution
- Cable compartment accessible from the front
- Double busbar system
- Earthing switch with making capacity
- Earthing switch fitted with interlocks with the circuit-breaker
- Operational safety, circuit-breaker racking in / out with door closed
UniGear ZS2

Technical data

<table>
<thead>
<tr>
<th>Type of construction</th>
<th>IAC AFLR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>[kV] 36</td>
</tr>
<tr>
<td>Insulation Levels</td>
<td>[kV] 36/70/170</td>
</tr>
<tr>
<td>Rated frequency</td>
<td>[Hz] 50-60</td>
</tr>
<tr>
<td>Rated main busbar current (40 °C)</td>
<td>[A] 3150</td>
</tr>
<tr>
<td>Rated branch connection current (40 °C)</td>
<td>[A] 2500</td>
</tr>
<tr>
<td>Arc proof withstand current</td>
<td>[kA x 1 s] 31.5</td>
</tr>
<tr>
<td>Rated short-time withstand current (3 s)</td>
<td>[kA x 3 s] ... 31.5</td>
</tr>
</tbody>
</table>

Overall dimensions of basic cubicle

- H [mm] 2310
- W [mm] 1000/1200
- D [mm] 2400/2600

Technical catalogue No. 1YTS100001

Main components

1. Circuit-breaker compartment
2. Busbar compartment
3. Cable compartment
4. Low voltage compartment
5. Optional arc channel
6. Current transformers
7. Voltage transformers
8. Earthing switch

Your sales contact: www.abb.com/contacts
More product information: www.abb.com/productguide

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