SafeLink CB
Gas insulated ring main unit

- SF6 gas insulated switchgear with extremely compact and robust design
- 12 kV, 630 A, 21 kA for 3 sec
- Metal enclosed design with IP54 protection
- IAC classified 21kA/1s
- Both sides extensible
- Stand alone vacuum circuit breakers or switch disconnectors
- Type tested according to latest IEC standards
- Robotically welded SS304 tank
- Vacuum circuit breaker with high mechanical endurance of 10000 operations
- Maintenance free and complete safety with no exposure to live parts
- Mandatory safety interlocks ensuring operator safety
- Manufactured according to ISO 9001, 14001 and OHSAS 18001
- Complete solutions, including applications for remote control and monitoring
- Recyclable and very low environmental impact
### Technical data

<table>
<thead>
<tr>
<th></th>
<th>C Module</th>
<th>V Module</th>
<th>V Module</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Switch disconnector</td>
<td>Earthing switch</td>
<td>Vacuum circuit breaker</td>
</tr>
<tr>
<td>Rated voltage</td>
<td>kV</td>
<td>12/13.8</td>
<td>12/13.8</td>
</tr>
<tr>
<td>Rated frequency</td>
<td>Hz</td>
<td>50/60</td>
<td>50/60</td>
</tr>
<tr>
<td>Power frequency withstand voltage</td>
<td>kVRms</td>
<td>38</td>
<td>38</td>
</tr>
<tr>
<td>- across disconnector</td>
<td>kVRms</td>
<td>45</td>
<td>45</td>
</tr>
<tr>
<td>Lightning impulse withstand voltage</td>
<td>kVp</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>- across isolating distance</td>
<td>kVp</td>
<td>110</td>
<td>110</td>
</tr>
<tr>
<td>Rated normal current*</td>
<td>A</td>
<td>630</td>
<td>630</td>
</tr>
</tbody>
</table>

- **Breaking capacities**
  - active load breaking current: A 630
  - closed loop breaking current: A 630
  - cable charging breaking current: A 25 (Class C2)
  - line charging breaking current: A 1 (Class C2)
  - earth fault breaking current: A 75
  - earth fault cable and line charging: A 43.5

- **Making capacity**
  - short circuit breaking current: kA 21

- **Short time current (3-sec)**
  - kA 21.5/34.6

- **Short time current (1-sec)**
  - kA 21

- **Electrical & mechanical classes**
  - E3, C2, M1
  - E2, M0
  - E2, C2, S1, M1+3000, M2 (Optional)
  - E2, M0

- **Rated operating sequence**
  - 0-0.3 sec-CO-3 min-CO

- **Rated filling level for insulation**
  - 0.02 MPa

- **Internal arc classification**
  - AFR 10kA 0.1s / AF 21kA 1s

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1) Earthing operation is through vacuum circuit breaker, hence no making capacity is assigned.

### Dimensions

![Dimensions Diagram](image-url)