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**Tap-Changer VUCGDN**

**Order**

16-35 Pos

**Language**

82

**Sheet no.**

1

**Revision**

A

**Document no.**

IZSC004163-AAC

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**Dimensions**

<table>
<thead>
<tr>
<th>Insulation Level (kV)</th>
<th>380</th>
<th>650</th>
<th>750</th>
<th>1050</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Insulation 380 kV</strong></td>
<td>2151</td>
<td>2451</td>
<td>1931</td>
<td>2231</td>
</tr>
<tr>
<td><strong>Insulation 650 kV</strong></td>
<td>1192</td>
<td>1492</td>
<td>912</td>
<td>1272</td>
</tr>
<tr>
<td><strong>Insulation 750 kV</strong></td>
<td>119</td>
<td>119</td>
<td>119</td>
<td>119</td>
</tr>
<tr>
<td><strong>Insulation 1050 kV</strong></td>
<td>240</td>
<td>540</td>
<td>240</td>
<td>540</td>
</tr>
</tbody>
</table>

a) For mounting on active part use A+106, B+106 and C+106 (See also Drawing 54920103-1)
b) Short version means reduced switching capacity. Please refer to Technical Guide.
c) Not applicable for 380 kV

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**Contact Positions**

- Contact 5 at 16-19 Pos
- Contact 7 at 20-23 Pos
- Contact 9 at 26-27 Pos
- Contact 10 at 30-31 Pos
- Contact 11 at 34-35 Pos

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**C/L Top Flange**

- 30 C/L Top Flange
- 80 C/L Top Flange

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**C/L Top Selector**

- Extra Contacts: 10 at 16-19 Pos
- 12 at 20-23 Pos
- 14 at 26-27 Pos
- 16 at 30-31 Pos
- 18 at 34-35 Pos

---

**Contact Configurations**

- Contact 5 at 16-19 Pos
- Contact 7 at 20-23 Pos
- Contact 9 at 26-27 Pos
- Contact 10 at 30-31 Pos
- Contact 11 at 34-35 Pos

---

**Shielding Rings**

- For insulation levels 650, 750 and 1050 only
- Only for insulation level 1050 kV

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**Tap-Change VUCGDN**

**XXX/450-600/C**

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**ABB**

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82

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1

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ADDITIONAL DRAWINGS:
Connection Diagrams: See Technical Guide UC
Mounting on active part: 54920103-1
Accessories: 54920103-2
Motor Drive BUL: 54830001-1
Motor Drive BUE: 54830001-2 or -3
External Drive Shaft: 54920083-4
Pressure Relay: 54920083-2
Bevel Gear: 54920083-1

Tap-Changer VUCGDN
XXX/450-600/C

Prepared by
Tomas Axelsson 2011-11-25

Responsible department
PPCO/TK

Modified by
Tomas Axelsson 2012-03-01

Take over department

Approved by
Henrik Sundberg 2012-04-03

Used in product

Revision

A

Order
16-35 Pos

Language

Sheet no.
3

No. Shl.

Document no.
IZSC004163-AAC

(3)