The information contained in this document has to be kept strictly confidential. Any unauthorized use, reproduction, distribution or disclosure to third parties is strictly forbidden.

ABB reserves all rights regarding Intellectual Property Rights.

© Copyright 2010 ABB. All rights reserved.

---

**Title**: Tap-Changer UCGDE, T

**Revision**: A

**Document no.**: 54920104-34

**Language**: 82

**Sheet no.**: 1

**Order**: 8-15 Pos

**Drawing no.**: 44108, 44106 and 44106 (See also Drawing 54920103-1)

**Dim. in mm**

<table>
<thead>
<tr>
<th>Positions</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-13</td>
<td>18</td>
<td>37</td>
</tr>
<tr>
<td>14-15</td>
<td>56</td>
<td>56</td>
</tr>
</tbody>
</table>

**Dimensions**

- **A**: 1711 a) 2011 a)
- **B**: 972 a) 1272 a)
- **C**: 119 a) 119 a)
- **D**: 240 c) 540

- a) For mounting on active part use 44108, 44106 and 44106 (See also Drawing 54920103-1)
- c) Not applicable for 380 kV

---

**Title**: INSULATION SHORT VERSION b)

**Levels**: 380, 650, 750, 1050

**Positions**

- **E**: 8-13
- **F**: 14-15

**Notes**

- Extra Contacts: 5 at 8-9 pos, 7 at 12-13 pos
- Contact 10 at 8-9 Pos
- Contact 14 at 10-13 Pos
- Contact 18 at 14-15 Pos

- Same potential as the diverter switch terminal

- Transformer flange

- Shielding rings for insulation levels 650, 750 and 1050 only

- Only for insulation level 1050 kV

---

**Prepared**: Tomas Axelsson 2012-03-14

**Modified by**: Tomas Axelsson 2012-03-19

**Approved by**: Henrik Sundberg 2012-04-04

**Responsible department**: PPCO/TK

**Prepared department**: Take over department

**Prepared product**: Used in product

---

**Diagram Description**

- Transformer flange
- Shielding rings for insulation levels 650, 750 and 1050 only
- Only for insulation level 1050 kV
- Contact 10 at 8-9 Pos
- Contact 14 at 10-13 Pos
- Contact 18 at 14-15 Pos
- Extra Contacts: 5 at 8-9 pos, 7 at 12-13 pos
- Same potential as the diverter switch terminal
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

Proposed
Tomas Axelsson 2012-03-14

Responsible department
PPCO/TK

Title
Tap-Changer UCGDE,T

XXX/900/C SHORT

Modified by
Tomas Axelsson 2012-03-19

Take over department

Approved by
Henrik Sundberg 2012-04-04

Used in product

Revision
A

Order
8-15 Pos

Sheet no.
2

Document no.
54920104-34