TURNS ON HAND CRANK OF MOTOR DRIVE MECHANISM

<table>
<thead>
<tr>
<th>CONTACT</th>
<th>POS. LOWER OPERATION</th>
<th>POS. RAISE OPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>21-22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33-34</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41-42</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

S3/S4 Cam operated contacts
raise/lower
33-34 Maintaining contact
41-42 Interlocking contact
13-14, 21-22 Auxiliary contact

S501 Interlocking switch, open
when hand crank is fitted, control circuit

S502 Interlocking switch, open
when hand crank is fitted, motor circuit

S6/S7 Limit switch, upper/lower
limit position

S8 Push button "EMERGENCY STOP"

S15 Continuation contact

X Terminal board group

FOR HEATER, LIGHT CIRCUIT AND TAP-POSITION TRANSMITTER No. S14 ETC.
SEE SEPARATE DIAGRAMS.

A B C D

Base on:
Approval 2003-05-09 TOLA

Circuit Diagram
Motor-Drive Mechanism

Type BUL

ABB

Rev ed.

5483 538-76

2003-05-09 TOL A
1) Continuation contact included only when OLTC has through positions, closed when OLTC is in through positions.

2) To be replaced by the Fig. below when control circuit supply is DC.

Wiring Table: 5483 482-BXM

Power Supplies according to rating plate of Tap-Changer.