TURNS ON HAND CRANK OF MOTOR DRIVE MECHANISM

<table>
<thead>
<tr>
<th>POS LOWER OPERATION</th>
<th>POS RAISE OPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 5 10 14 15</td>
<td>0 5 10 14 15</td>
</tr>
</tbody>
</table>

CONTACT

- S3
- 13 14
- 21 22
- 33 34
- 41 42

(MBB) (S14)

- n-1 n n+1

(BBM) (S15)

- n-1 n n+1

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

K1 Contactor, step-by-step operation
K2 Contactor, lower
K3 Contactor, raise
K6 Time relay, running-through protection
M1 Motor
Q1 Protective motor switch
S1 Control selector switch
S2 Control switch
S3/S4 Cam operated contacts lower/raise
S5 Interlocking switch, open when hand crank is fitted
S6/S7 Limit switch, upper/lower limit position
S8 Push button "EMERGENCY STOP"
S15 Continuation contact
X Terminal board group

Raise operation
Lower operation
Upper limit pos.
Lower limit pos.

Remote control
Local control
Protective earth
Crank

Prepared 2002-12-04 THLA
Approved 2002-12-06 TOLA
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 4B2-BLD
POWER SUPPLIES ACCORDING TO RATING PLATE OF TAP-CHANGER.

Based on
Prepared 2002-12-04 THLA
Approved 2002-12-06 TOLA
Circuit Diagram
Motor-Drive Mechanism
Type BDL
Supplied by COM/FOK
Rev: A
Sheet 2
Date: 3/2002