F2  Circuit breaker, control circuit
K1  Contactor, step-by-step operation
K2  Contactor, lower
K3  Contactor, raise
K4  Bistable relay
K601  Time relay, running-through protection
K602  Time relay, tap-change incomplete
K7  Undervoltage relay, motor circuit
M1  Motor
Q1  Protective motor switch
S1  Control selector switch
S2  Control switch
S3/S4  Cam operated contacts
       lower/raise
       33–34 Maintaining contact
       41–42 Interlocking contact
       13–14, 21–22 Auxiliary contact
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

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

- Raise operation
- Lower operation
- Upper limit pos.
- Lower limit pos.
- Remote control
- Local control
- Protective earth
- Crank

Based on
Present 2004-05-25 TOIA
Approved 2004-06-09 THLA

Circuit Diagram
Motor-Drive Mechanism
TYPE BUL

ABB

5483 538-85
1) CONTINUATION CONTACT INCLUDED ONLY WHEN OLTC HAS THROUGH POSITIONS. CLOSSED WHEN OLTC IS IN THROUGH POSITIONS.

2) TO BE REPLACED BY THE FIG. BELOW WHEN CONTROL CIRCUIT SUPPLY IS DC.

WIRING TABLE: 5483 482-CDE

POWER SUPPLIES ACCORDING TO RATING PLATE OF TAP-CHANGER.