F2 Circuit breaker, control circuit
K1 Contactor, step-by-step operation
K2 Contactor, raise
K3 Contactor, lower
K4 Bistable relay
K601 Time relay, running-through protection
K602 Time relay, top-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
  raise/lower
  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  Remote control
 Lower operation  Local control
 U Upper limit pos.  Protective earth
 L Lower limit pos.  Crank

Based on

Prepared 2002-05-22 TOLA
Updated 2002-12-12 THLA

Circuit Diagram
Motor-Drive Mechanism
Type: BLX

ABB
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-BKT

POWER SUPPLIES ACCORDING TO RATING PLATE OF TAP-CHANGER.