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, tap-change incomplete
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.

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Based on: 2008-09-11
Prepared: 2008-09-11
TO LA

Circuit Diagram
Motor-Drive Mechanism
TYPE BUL

ABB
5483 538–39
Rev 2
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-CUT
Power supplies according to rating plate of tap-changer.