Turns on Hand Crank of Motor Drive Mechanism

K1 Contactor, step-by-step operation
K2 Contactor, lower
K3 Contactor, raise
K4 Bistable relay
K6 Time relay, running-through protection
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.

Diagram

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

Prepared 2004-10-01  TOFA
Approved 2004-10-02  THLA

ABB 5483 538-61
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-BUK
POWER SUPPLIES ACCORDING TO RATING PLATE OF TAP-CHANGER.