TURNS ON HAND CRANK OF MOTOR DRIVE MECHANISM

CONTACT

- S1
- 13
- 14
- 21
- 22
- 33
- 34
- 41
- 42

F2 Circuit breaker, control circuit
K1 Contactor, step-by-step operation
K2 Contactor, raise
K3 Contactor, lower
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
raise/lower
- 13-14 Maintaining contact
- 33-34 Interlocking contact
- 41-42 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:
Prepar 2002-02-19 TLCA
Amsen 2002-12-09 THLA

Circuit Diagram
Motor-Drive Mechanism
TYPE BUL

ABB

5483 538-7
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-BJG

Power Supplies according to rating plate of TAP-Changer.