TURNS ON
HAND CRANK OF
MOTOR DRIVE
MECHANISM

CONTACT

POS LOWER OPERATION POS

F2 Circuit breaker, control circuit
H1 Signal lamp, Q1 OFF
K1 Contactor, step-by-step operation
K2 Contactor, lower
K3 Contactor, raise
K4 Bilateral relay
K801 Time relay, running-through protection
K802 Time relay, tap-change incomplete
M1 Motor
Q1 Protective motor switch
S1 Control selector switch
S2 Control switch
S3/S4 Cam operated contacts
S5 Interlocking switch, open
S6/S7 Limit switch, upper/lower
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
Upper limit pos.  □ Protective earth
Lower limit pos.  □ Crank

Prepared 2005-01-25 SUKN
Check 2005-01-27 THLA

Circuit Diagram
Motor-Drive Mechanism

Type: BUL
Prep dept: CM/FOK
Rev Ind: Date
Sheet: 1

ABB
5483 538-80
Sheet 1
East 2