K1 Contactor, step-by-step operation
K2 Contactor, raise
K3 Contactor, lower
K4 Bistable relay
K5 Time relay, running-through protection
M1 Motor
O1 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
- Lower operation
- Local control
- Upper limit pos.
- Protective earth
- Lower limit pos.
- Crank

Prepared: 2003-05-08 TOLA
Approved: 2003-06-03 THLA
Circuit Diagram
Motor-Drive Mechanism
Type: BUL
Rev: 01
Lang: 2