F2 Circuit breaker, control circuit
H1 Signal lamp, Q1 OFF
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
K701 Undervoltage relay, motor circuit
K702 Undervoltage relay, control circuit
M1 Motor
Q1 Protective motor switch
S1 Control selector switch
S2 Control switch
S3/54 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. 514 ETC,
SEE SEPARATE DIAGRAMS.

- Raise operation
- Lower operation
- Upper limit pos.
- Lower limit pos.
- Remote control
- Local control
- Protective earth
- Crank
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<th>SUKN 2005-01-28</th>
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**Based on**

- Prepared: 2005-01-28, TOLA
- Approved: 2005-01-28, SUKN

**Circuit Diagram**

**Motor-Drive Mechanism**

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<th>Lang</th>
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