K1 Contactor, step-by-step operation
K2 Contactor, raise
K3 Contactor, lower
K6 Time relay, running-through protection
K11 Relay
M1 Motor
Q1 Motor protective switch
R1 Resistor
S1 Control selector switch
S2 Control switch
S5 Interlocking switch, open when hand crank is fitted
S6 Cam switch (Limit switch)
S8 Push button, EMERGENCY STOP
S11 Cam switch
1-2 Starting contact
S12 Cam switch
1-2, 3-4 Maintaining contact
5-6, 7-8 Interlocking contact
9-10, 11-12 Auxiliary contact
13-14, 15-16 Auxiliary contact
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
U Upper limit pos.  ● Protective earth
L Lower limit pos.  ● Crank

Based on
Innoved 2004-08-19 TOLA
 assort 2004-08-19 VILA
Circuit Diagram
Motor-Drive Mechanism
TYPE BUE
ABB
5483 537-154