F2 Circuit breaker, control circuit
K1 Contactor, step-by-step operation
K2 Contactor, raise
K3 Contactor, lower
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 Motor protective switch
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
Prepared 2002-05-24 THLA
Approved 2002-11-22 TOILA
Circuit Diagram
Motor-drive Mechanism
Type BUE

ABB
5483 537-16
1) Continuation contact included only when OLTC has through positions. Closed when OLTC is in through positions.

2, 3) To be replaced by the fig. below when control circuit supply is DC.

Wiring Table: 5483 482-ATS

Power supplies according to rating plate of tap-changer.

Prepared 2002-05-24 THLA
Approved 2002-11-22 TOLP
Circuit Diagram
Motor-drive Mechanism
Type BLU
Rev no
Sheet 2
Con 3

ABB
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