Turns on hand crank of motor drive mechanism:

- **K1**: Contactor, step-by-step operation
- **K2**: Contactor, raise
- **K3**: Contactor, lower
- **K4**: Bistable relay
- **K6**: Time relay, running-through protection
- **K701**: Undervoltage relay, motor circuit
- **K702**: Undervoltage relay, control circuit
- **M1**: Motor
- **Q1**: 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.

- **A** Raise operation
- **B** Lower operation
- **C** Upper limit pos.
- **D** Lower limit pos.
- **●** Remote control
- **○** Local control
- ** Protective earth
- **Crank**

Prepared: 2002-05-16 THLA
Approved: 2002-12-10 TOLA
Circuit Diagram: Motor-Drive Mechanism
Type: BUL

ABB
5483 538-13
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-BUN

POWER SUPPLIES ACCORDING TO RATING PLATE OF TAP-CHANGER.