The diagram illustrates the turns on hand crank of a motor drive mechanism. It shows the positions for raising and lowering operations with contact points labeled as S3, S4, S5, S6, S7, etc.

- **K1**: Contactor, step-by-step operation
- **K2**: Contactor, raise
- **K3**: Contactor, lower
- **K4**: Blistered relay
- **K6**: Time relay, running-through protection
- **M1**: Motor
- **Q1**: Protective motor switch
- **S1**: Control selector switch
- **S2**: Control switch
- **S3/S4**: Cam operated contacts
- **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
- **U**: Upper limit pos.
- **L**: Lower limit pos.
- **●**: Remote control
- **●**: Local control
- **●**: Protective earth
- **○**: Crank

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Motor-Drive Mechanism: TYPE BUL
ABB
Sheet: 1
Rev: 1
Lang: En
1) CONTINUATION CONTACT INCLUDED ONLY WHEN OLTC HAS THROUGH POSITIONS. CLOSED WHEN OLTC IS IN THROUGH POSITIONS.

2) TO BE REPLACED BY THE FIG. BELOW WHEN CONTROL CIRCUIT SUPPLY IS DC.

WIRING TABLE: 5483 482-8JJ

POWER SUPPLIES ACCORDING TO RATING PLATE OF TAP-CHANGER.