TURNS ON
HAND CRANK OF
MOTOR DRIVE
MECHANISM

CONTACT

F2  Circuit breaker, control circuit
K1  Contactor, step-by-step operation
K2  Contactor, lower
K3  Contactor, raise
K6  Time relay, running-through protection
K7  Undervoltage relay, motor circuit
M1  Motor
O1  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.

- Raise operation
- Remote control
- Lower operation
- Local control
- Upper limit pos.
- Protective earth
- Lower limit pos.
- Crank

Based on
Prepared 2004-01-09 TDIA
Approved 2004-01-20 THIA
Circuit Diagram
Motor-Drive Mechanism
TYPE BUL

ABB
5483 538-56
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-BUE
POWER SUPPLIES ACCORDING TO RATING PLATE OF TAP-CHANGER.

COMMODORE"