Figure 1 Front View of 150-CA-2500 Compressed Air Circuit Breaker
Figure 2 Rear View CA 2500 Compressed Air Circuit Breaker
Figure 3: Breaker Side View Showing Current Path
Figure 4 Breaker Side View Showing Compressed Air Flow
Figure 5 2000-Amp Breaker Pole Units With Arc Chutes Removed
Figure 6 5000 amp pole units with arc chutes removed
Figure 7 Interruption action of cross blast air breaker
Figure 8 Arc Cooler Assembly
Figure 9 Mechanism compartment
Figure 10 Breaker Mechanism Compartment - Control Panel Open
Figure 11 Sectional View of an Air Line Fitting
Figure 12 Section view of magnet valve
Figure 13 Close and Trip Control Valve Arrangement
Figure 14 Section view of breaker mechanism
Figure 15 1500-MVA Blast Valve Section
Figure 16 2500 MVA Blast valve details
CONTROL SWITCH
CLOSE 131 psi; OPEN 116 psi

A - Range adjusting screw
Set cut-in point first with this adjustment. (Changes both cut-in and cut-out points.)

B - Cut-out Setting
(Changes cut-out point only)

1/4-18 Pipe Tap

ALARM SWITCH
CLOSE 120 psi; OPEN 135 psi
TRIP SWITCH
CLOSE 112 psi; OPEN 127 psi

On ALARM and TRIP switches, range adjusting screw "A" raises or lowers cut-out point (this also raises or lowers cut-in point by a like amount) Set cut-out point first with adjusting screw "A". Cut-in (Differential) adjusting screw "B" changes cut-in point only.

Cut-in means to close contacts
Cut-out means to open contacts

Figure 17 Pressure Switches
Figure 19 Typical wiring diagram with three pressure switches
Figure 20 Side View of Pole Unit with Arc Chute Side Plate Removed
Figure 21 5000-Amp Pole Unit Assembly
Figure 23 Stationary Contact Removal with Special Wrench
Figure 25 Auxiliary switch assembly