Magnum low voltage drawout circuit breaker cassette arc hood barrier kit 1100V

WARNING
(1) ONLY QUALIFIED ELECTRICAL PERSONNEL SHOULD BE PERMITTED TO WORK ON THE EQUIPMENT.
(2) ALWAYS DE-ENERGIZE PRIMARY AND SECONDARY CIRCUITS IF A CIRCUIT BREAKER CANNOT BE REMOVED TO A SAFE WORK LOCATION.
(3) DRAWOUT CIRCUIT BREAKERS SHOULD BE LEVERED (RACKED) OUT TO THE DISCONNECT POSITION.
(4) ALL CIRCUIT BREAKERS SHOULD BE SWITCHED TO THE OFF POSITION AND MECHANISM SPRINGS DISCHARGED.
FAILURE TO FOLLOW THESE STEPS FOR ALL PROCEDURES DESCRIBED IN THIS INSTRUCTION LEAFLET COULD RESULT IN DEATH, BODILY INJURY, OR PROPERTY DAMAGE.

Section 1: General information
The arc hood barrier protects contacts in the rear of the breaker from arc gases, allowing the use of the 1100V breaker. If the kit is not installed, the breaker cannot be used for 1100V applications.

Kit parts identification
Refer to Figure 1 (three-pole) and Figure 2 (four-pole) for visual identification of the parts listed below:

Figure 1
(A) Arc hood (one)
(B) Barrier (one)
(C) 0.25–20 screw pan nylon (five)
(D) 0.25–20 screw nut hex nylon (five)

Figure 2
(A) Arc hood (one)
(B) Barrier (one)
(C) 0.25–20 screw pan nylon (six)
(D) 0.25–20 screw nut hex nylon (six)

Section 2: Installation of cassette arc hood barrier kit
Proceed with the following six steps:

Step 1: Ensure that the circuit breaker is levered (racked) out to the DISCONNECT position as instructed in the WARNING on this page. Pull out the two extension rails to remove the breaker from its compartment.

Figure 3. Step 1

Extension Rails
Step 2: Attach the barrier (B) to the arc hood (A) using the nylon nuts (D) and nylon screws (C) provided.

Step 3: Remove the arc hood brackets and arc hood assembly by removing four bolts.

Step 4: Place the existing arc hood brackets on to the new arc hood.

Step 5: Place the new assembly on to the cassette using the existing bolts.

Step 6: Lever (rack) the breaker to the desired position.

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