**Magnum low voltage fixed circuit breaker arc hood barrier kit 1100V**

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**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) 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.

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**Section 1: General information**

The arc hood barrier diverts the arc exhaust toward the sides of the breaker and insulates the enclosure ceiling from the arc chute discharge. It protects conductors 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 an 1100V application.

**Kit parts identification**

Refer to Figure 1 for visual identification of the parts listed below:

- (A) Mounting bracket (two)
- (B) Arc hood (one)
- (C) Barrier (one)
- (D) 1/4-20 hex nylon nut (six)
- (E) 1/4-20 pan nylon screw (six)
- (F) M6 x 12 mm hex screw (four)
- (G) M6 square nut (four—two spares)
- (H) M6 lock washer (four)

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**Section 2: Installation of arc hood barrier kit**

Proceed with the following four steps:

**Step 1:** Attach the barrier (C) to the arc hood (B) using the nylon nuts (D) and nylon screws (E) provided.
Step 2: Slide an M6 square nut (G) into the slot in the upper rear case on both sides with the flat face toward the outside.

![Figure 3. Step 2](image)

Step 3: Place a mounting bracket (A) on each end of the arc hood.

![Figure 4. Step 3](image)

Step 4: Fasten the brackets to the just-inserted square nuts and to the captive nuts in the front housing using M6 x 12 mm hex screws (F) and M6 lock washers (H). The flexible barrier should be at the rear of the breaker.

![Figure 5. Step 4](image)

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