

# A.B. CAP ARRESTER BRACKET WILDLIFE GUARD

## PRODUCT INFORMATION SHEET

**File Number:** PDS1034

**Issued:** 09/01/17

**Availability:** Immediately

**Supercedes:** 07/01/14



A.B. Cap, U.S. Patent #7,009,102

**The CMI A.B. Cap effectively reduces outages caused by wildlife perched on transformer-mounted polymer style arrester mounting bracket, making contact with energized conductor.**

For improved lightning protection, many utilities upgraded to tank mounted primary arresters on their distribution transformers, which brought additional energized cabling and terminals into the vicinity of the transformer. As wildlife perched on these tank mounted arresters, they caused common outage problems.

Insulating caps of various styles offered by our competitors had not proven effective in preventing contact with energized parts, due to their small size and openings for various leads. Animals were still able to make contact with the high voltage.

Central Moloney's engineers consulted with utility linemen to develop an effective, cost-efficient, solution for preventing these types of outages, and the CMI A.B. Cap was introduced in 2003.

### SUPERIOR DESIGN

The CMI A.B. Cap mounts easily and securely over the last insulating rib on the polymer arrester mounting bracket. It effectively covers the mounting bolt and end of the metal mounting bracket with high dielectric material to prevent flashover.

Without the use of cumbersome latches, tie straps, or tape, this innovative design fits brackets from all common polymer arrester suppliers.

Flexible fingers securely hold the cap in place, yet it can still be easily removed for service or reuse.

The CMI A.B. Cap has been tested to withstand voltage up to 21 KV to ground without flashover.

As effective as the cap's insulating value is, its smooth, rounded profile is what has proven to act as a perch deterrent. Most wildlife will select smaller radiused surfaces for perches.

The CMI A.B. Cap is molded from premium-grade, track-resistant, UV-stabilized polypropylene copolymer for excellent durability, even in harsh environments. Used by CMI for decades, this material has an excellent field history.

### APPLICATIONS

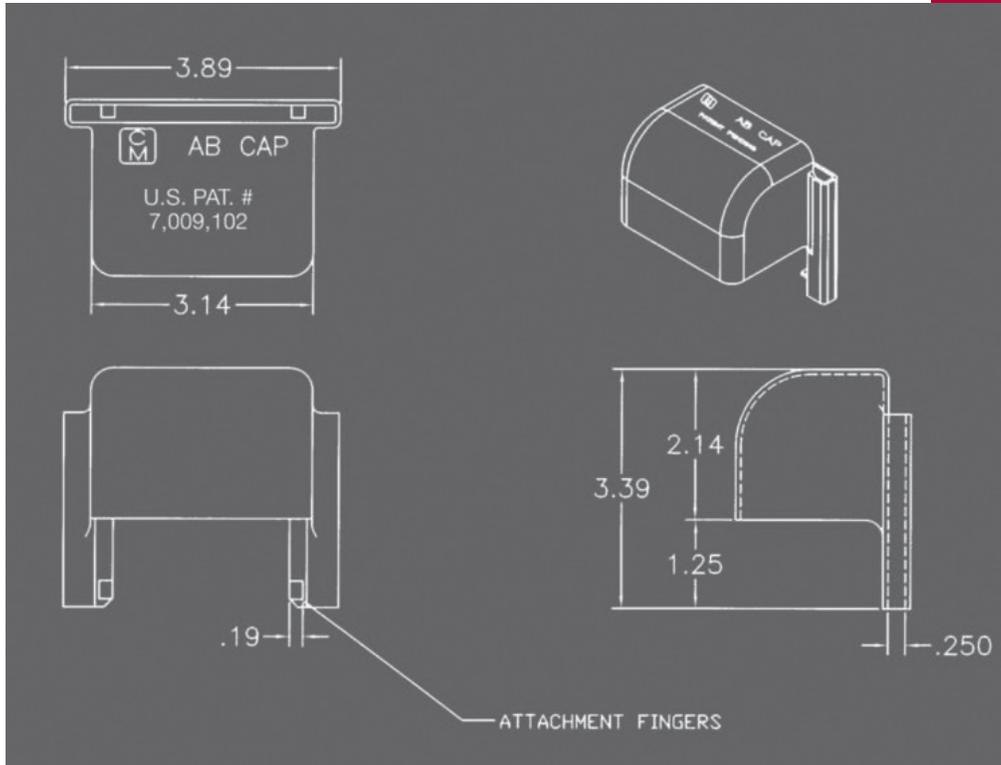
The CMI A.B. Cap can be installed by the transformer manufacturer at time of shipment, by the utility upon installation of the transformer, or by the utility on existing installations. **Safe live line practices must be followed when installing on energized equipment.**

*Note: Arresters installed by transformer manufacturers are typically shipped with the arrester pivoted toward the tank to prevent damage in transit; CMI A.B. Caps pre-installed on the arrester can easily be removed and reinstalled after the arrester is pivoted outward and retightened for service.*

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CENTRAL MOLONEY INCORPORATED  
**COMPONENTS**  
An ISO 9001 Company



## FEATURES

- Effective, cost efficient means of insulating wildlife from ground potential at the mounting of the polymer arrester bracket to the metal transformer mounting bracket
- Universal design fits all common brands of polymer distribution class arresters
- Easy snap fit installation – no tape or tie wraps required
- Rounded surface serves as a perch deterrent
- Provides flashover protection up to 21KV
- Premium grade weather resistant polypropylene copolymer material

## ORDERING

To order the A.B. Cap Wildlife Guard, reference part #70380349. Standard case pack is 100 or 250 each.

## ABOUT US

Central Moloney Components has built an established record through incredible growth in advanced manufacturing technology. Since its inception in 1970, Components has been constantly searching for new ways to improve the performance and reliability of our products. Innovation, design quality, flexibility and delivery are all a part of the continuing story of Components.



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