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Technical Advisory Bulletin

Trimming the Auxiliary Alarm Pin of a CXPS-W Distribution Panel's Circuit Breaker

Date: April 21, 2021

Model #: CXPS-W Power System

Issue

When installing a circuit breaker into a CXPS-W distribution panel, the top pin or the normally closed pin must be flush to the breaker casing. If the top pin on the breaker is not trimmed properly, it can result in the pin contacting the panel's alarm board, generating false alarms.

To reduce the risk of generating a false alarm, ensure the top pin of the breaker is **trimmed properly** as shown in *Figure 1 (left)*.

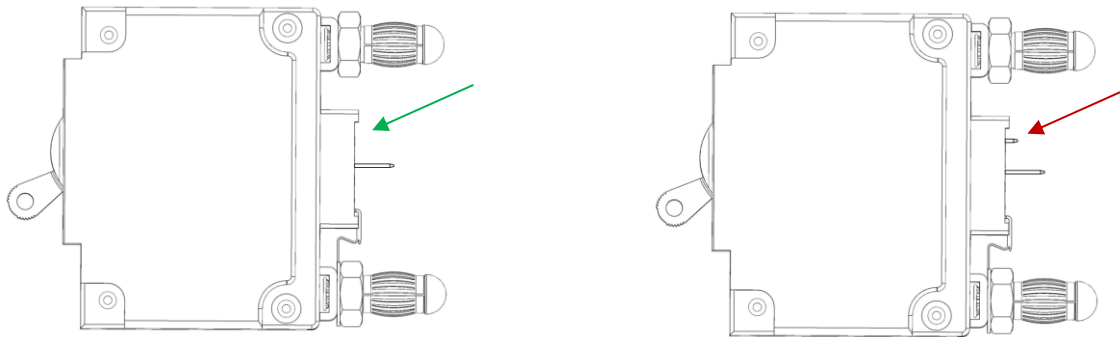


Figure 1 – Shows the comparison between a trimmed breaker with a flush top pin (left) and non-trimmed breaker (right)

Corrective Action

Tools Required:

- 6" Flush Cut Pliers (or equivalent)

Steps:

1. Using the flush cut pliers cut the top pin (normally closed) of the non-trimmed breaker as shown in *Figure 1 (right)*.
 - a. The top pin should be completely flush to the breakers casing.
2. Install the breaker into the CXPS-W distribution panel to verify that no false alarms are generated on the alarm board.



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Sincerely,

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