Continuous red LED illumination in CH dual function circuit breakers

After installation, the red LED on some Eaton CH dual function circuit breakers illuminates and remains lit. The light may come on immediately after the circuit breaker is powered on, or it may illuminate days or weeks later.

What is this LED light for?

The red LED is a diagnostic tool designed to provide a series of blinks to indicate what may have caused a recent circuit breaker trip event. The diagnostic function is still active and available in circuit breakers that have the constantly lit LED.

Could the consistently illuminated LED indicate any other warning?

A constantly illuminated red LED is not one of the six programed event indicators. It is not an indicator of an event that requires attention or service. Also. the constantly illuminated LED is not a sign that the circuit breaker is operating in an unsafe condition.

Is there a safety concern?

The condition causing the light to stay on is strictly cosmetic. It does not affect the circuit breaker's performance to protect against arc faults or ground faults. Every circuit breaker is tested prior to shipping to ensure that all protection features are functional. Additionally, it is recommended to press the "TEST" button during installation and periodically throughout the breaker's life to confirm that the breaker is functional and operational.

What steps is Eaton taking to fix this issue?

An updated product design to address this issue that will be available in late 2024.

What product part numbers are affected by this issue?

Wholesale
CHFN115DF
CHFN120DF
CHFP115DF
CHFP120DF

Retail
CHFN115A1CS
CHFN120A1CS
CHFP115A1CS
CHFP120A1CS

Who can I contact if I have additional questions?

Contact the Eaton Technical Resource Center by phone or email.

Telephone: 877-386-2273, Opt 2, Opt 2, Opt 1

Email: TRC@eaton.com



It is recommended to test your circuit breaker regularly to confirm functionality.

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