

Towards a Better Breaker

What's Broken?



When breakers are mounted in both directions, **which direction** is a tripped breaker supposed to be switched?

What does **ON** and **OFF** mean in the context of circuit breakers?

How can you see important labels and switch orientations in **low light**?

Inconsistencies and **poor feedback** mean that the user mistakes result in the wrong circuit getting switched off, interrupting power to appliances.



An Easy Fix

Tripped breakers **raise a button** instead of throwing a switch.

A diffusion ring around the button **glows red**, focusing the users' attention.

When the **button is pushed** it catches, and stays in a recessed state unless tripped again.

Rows of **green light** indicate all is normal, while **red rings** will indicate failures even in **low light**.

Buttons have very clear **ON** and **OFF** states where switches are relative to their labeling and function, making the button a superior control for circuit breakers.

