

T RIPPY

Some limits should not be broken

Smart Plug



- RMS Measurement Capabilities
- For Pluggable Appliances
- In APP Control

Smart Switch



- RMS Measurement Capabilities
- For Switch Based Appliances
- In APP Control



Smart Controller



- RMS Measurement Capabilities
- In APP Control
- Connected to Panel Board
- EDL/Generator Detection
- For Hard Wired Appliances

It is a known fact that Lebanon has a serious issue in the power sector. Power plants cannot deliver electricity continuously to all regions at the same time, so time "rationing" method is applied. Thus, private companies are providing the remaining deficits that the government cannot supply. Each house has a "current" limit and once the current limit is exceeded, the main house circuit breaker trips.

PROBLEM :

The main circuit breaker keeps tripping when exceeding the limit. This problem happens too frequently.

GOAL:

An easily integrable system that will manipulate which appliances are powered to prevent the circuit from tripping.

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