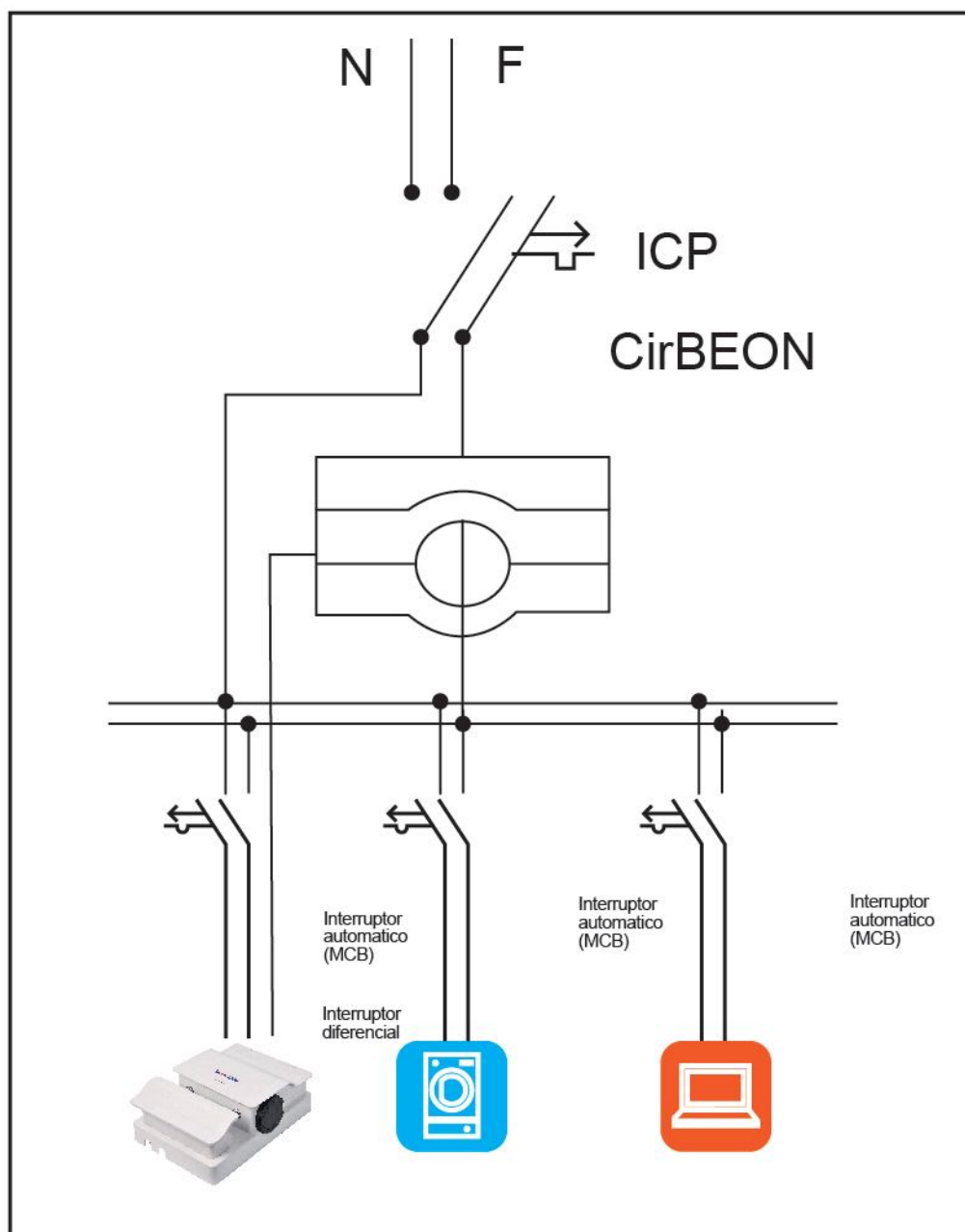


Electric safety is always the primary matter of daily electricity use, and one of major factors of electric safety is to have the power load limited at its proper range. Nowadays, our houses are filled with electric appliances and electronic devices, the household power consumption is increasing consequently. When we are coming to the era of renewable energy car, EV charging power consumption is becoming a new challenge for household power load management.

In this way, Dynamic Load Balance (DLB) is a significant feature of smart EV charger, which allows the EV charger automatically adjust charging power against the variation of max power load, and instant power consumption. It helps to contain the total power consumption below the max capacity of main system load, and avoid the unexpectedly tripping of main circuit breaker due to overload.

1.Wiring schematic diagram:



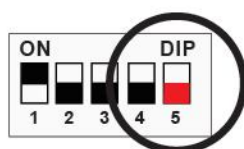
2. Controller wiring instruction:

Terminal S1/S2 connected with smart current sensor, and the length of cable for sensor and charger connection should below 200m.

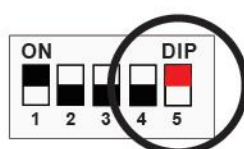


3. Mode selection

It is a pre-usage set-up, use the DIP switch to select working mode.



Basic Mode



DLB Mode

