```yaml
# This is the ESPhome configuration, I've flashed on the board.
#
# If you apply voltage to it (e.g. through J4 or by putting it in the
# buderus control unit), the green LED D1 serves as status led2
# usually flashing at around 1 Hz.
#
# After startup, if you press button USER 1, it will toggle green led D2.
#
# To upload a new firmware, search for the "Fallback Hotspot" WiFi and
# connect with password "Z8zfajgxVvNw". It could take up to a minute for
# the fallack AP to be enabled when not able to connect to the "test"
# wifi network. So, if status is flashing, give it a minute to show up.

esphome:
  name: km217-for-friends
  platform: ESP32
  board: esp32dev

# Enable logging
logger:

# Enable Home Assistant API
api:

ota:
  password: "c38c9fd48a1afe7a76834cc5721c5c46"

wifi:
  ssid: "test"
  password: "testtest"

  # Enable fallback hotspot (captive portal) in case wifi connection fails
  ap:
    ssid: "Fallback Hotspot"
    password: "Z8zfajgxVvNw"

captive_portal:

# "Status LED1"
status_led:
  pin:
    number: GPIO21
    inverted: true

switch:
  - platform: gpio
    pin: GPIO22
    name: "LED 2"
    inverted: true
    id: led2

binary_sensor:
  - platform: gpio
    pin:
      number: GPIO26
      inverted: true
      mode:
        input: true
        pullup: true
    name: "USER 1"
    filters:
      - delayed_on: 10ms
    on_press:
      then:
        - switch.toggle: led2
```