

# DPC digital controller

LS-DPC-Z series · Light controllers · 18 models

LS-DPC series digital controller mainly power for 48V LED light, can be controlled by the front panel or serial communication mode (remote control), can provide 0~255 a total of 256 brightness adjustment, built-in external trigger function, easy to achieve on-off conversion.

## Features

- 256 levels digital control
- Support RS232 communication
- Memory function while power off
- Overload protection function
- High speed optocoupler isolation trigger
- Constant voltage output controlled by panel or RS232

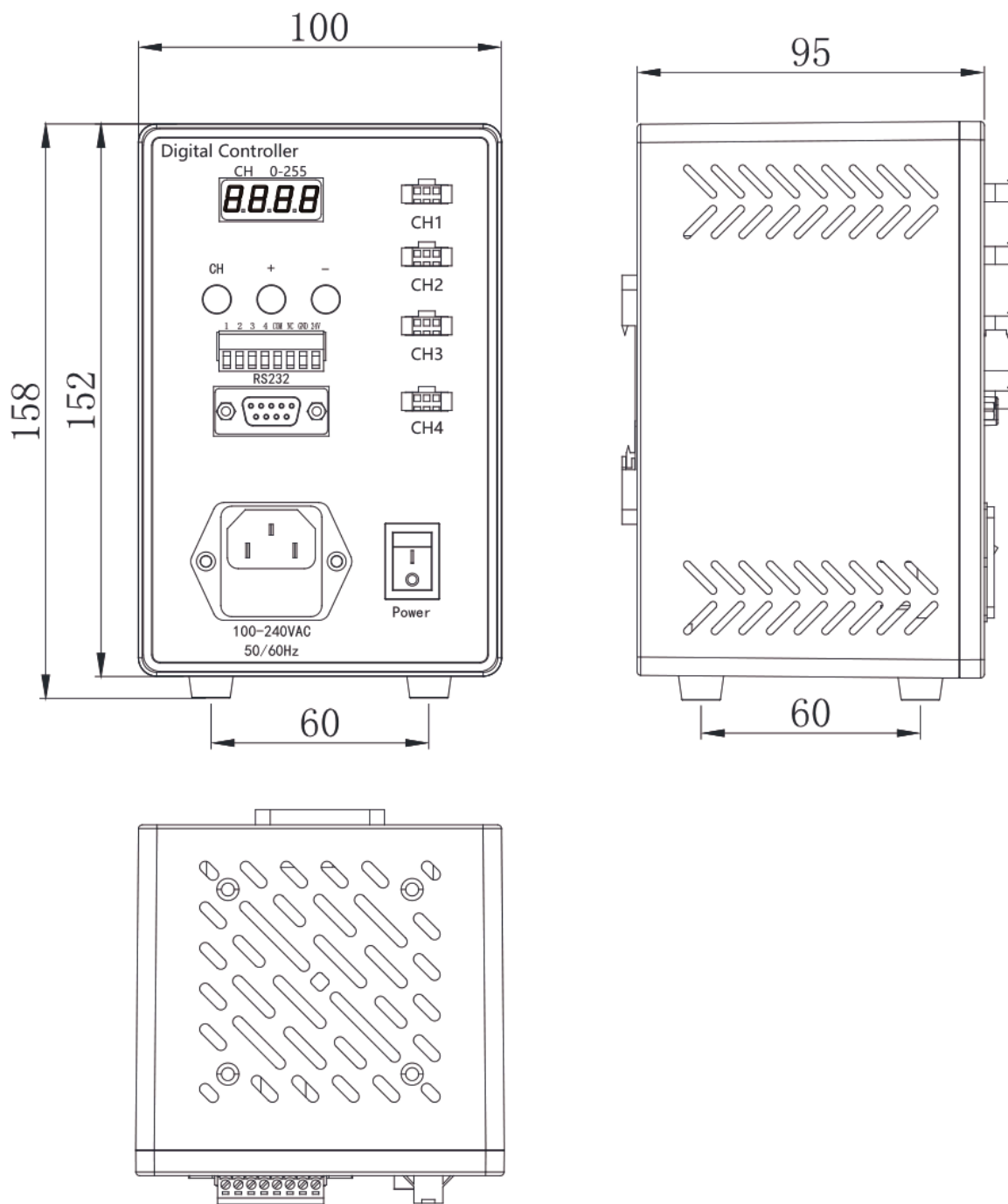


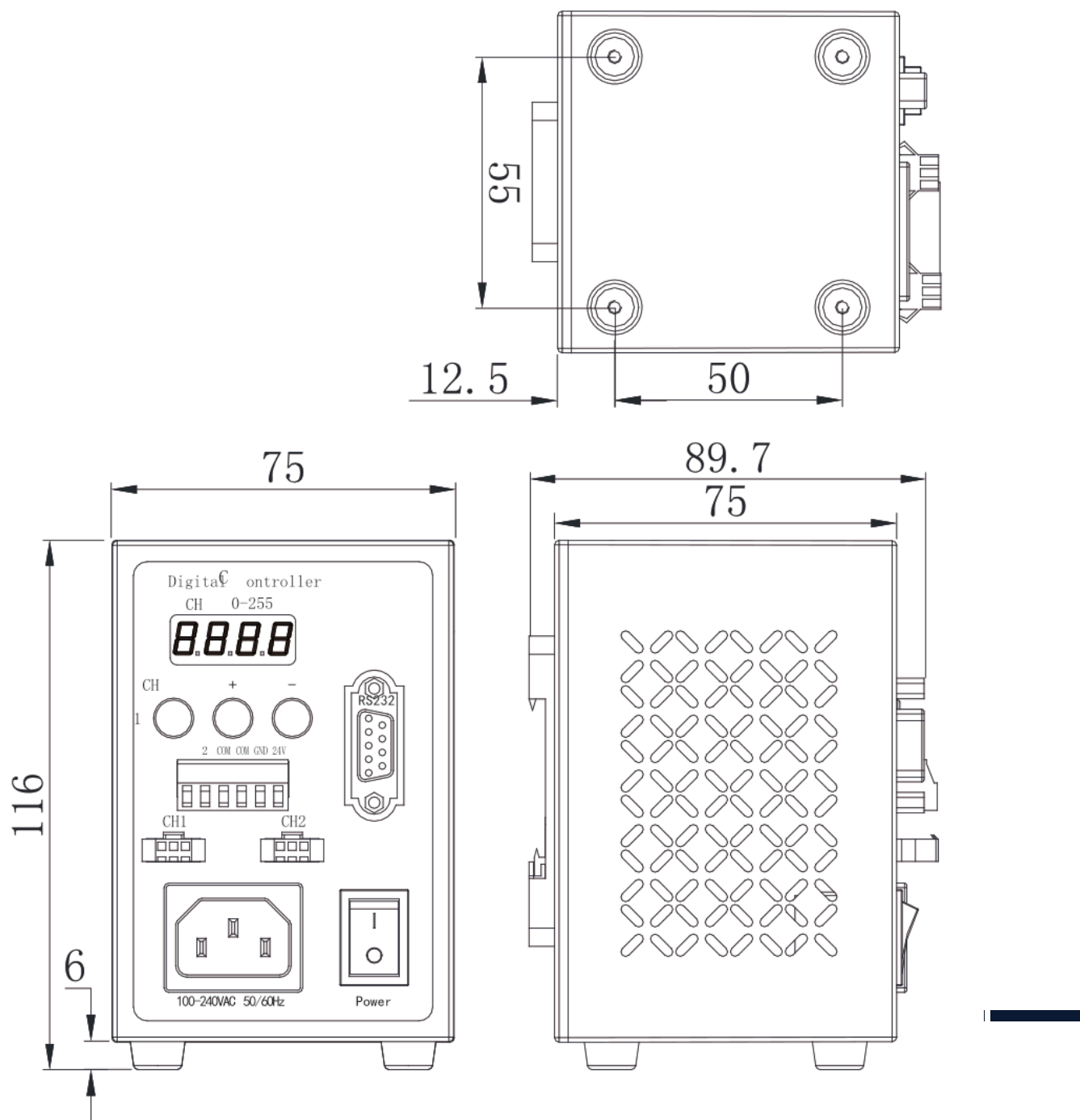
## Common specifications

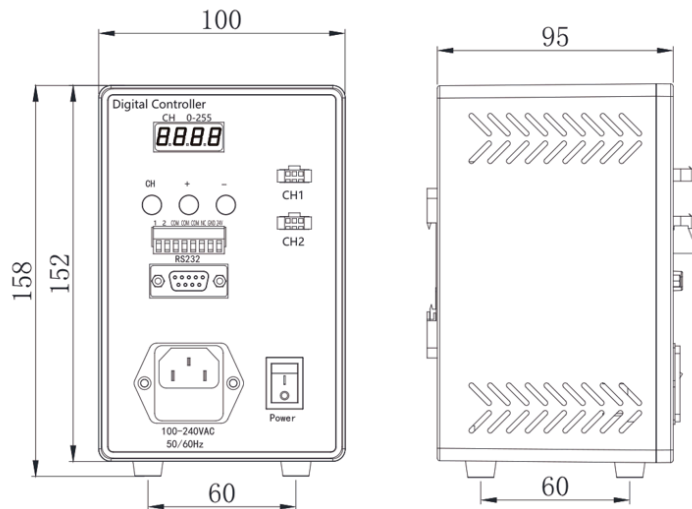
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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Brightness levels        | 256 (0-255)                                                                                                                               |
| Control method           | Buttons, RS232                                                                                                                            |
| Serial port              | RS232, DB9 female connector, ASCII serial data                                                                                            |
| External trigger voltage | 5-24V                                                                                                                                     |
| Trigger input            | common positive or negative connection selectable; H1 = constant on (trigger turns light off), H0 = constant off (trigger turns light on) |
| Power switch             | rocker, I = on, O = off                                                                                                                   |

## Models

| Model          | Output CH | Input voltage         | Output voltage | Single CH current | Total output current | Dimensions W x H x D (mm) | Channels |
|----------------|-----------|-----------------------|----------------|-------------------|----------------------|---------------------------|----------|
| LS-DPC2405K-4T | 4CH       | AC100-240V<br>50/60Hz | 5-24V          | 0.73A~3A          | 3.5A                 | 100 x 158 x 95            | 4        |
| LS-DPC2430K-2T | 2CH       | AC100-240V<br>50/60Hz | 10-24V         | 1.25A             | 1.25A                | 75 x 116 x 89.7           | 2        |
| LS-DPC2465D-2T | 2CH       | AC100-240V<br>50/60Hz | 16-24V         | 2A                | 2.5A                 | 100 x 158 x 95            | 2        |
| LS-DPC2465D-4T | 4CH       | AC100-240V<br>50/60Hz | 16-24V         | 2A                | 2.5A                 | 100 x 158 x 95            | 4        |
| LS-DPC2465D-6T | 6CH       | AC100-240V<br>50/60Hz | 16-24V         | 2A                | 2.5A                 | 100 x 158 x 95            | 6        |
| LS-DPC2465D-8T | 8CH       | AC100-240V<br>50/60Hz | 16-24V         | 2A                | 2.5A                 | 100 x 158 x 95            | 8        |







PS:HZ-DPC2465D  
LS-DPC24125D  
LS-DPC24200D

these three kinds of controller have same dimension.

