Triac/ELV

## LED Intelligent Driver

- Dimming interface: Triac/ELV
- Apply to leading edge / trailing edge Triac dimmers and dimming system.
- Built-in SCM, dimming curve and smoothing time can be customized.
- PWM digital dimming, no alter LED color rendering index.
- Dimming range: $0 \sim 100 \%$, dimming depth: Max. $0.1 \%$.
- $0 \sim 100 \%$ flicker-free, achieve the level of exemption assessment.
- Multi-current \& wide voltage, suitable for different power LED.
- Over load / Over-heat / Short circuit protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for internal lights application for I / II / III.


Specification


Triac／ELV

LED Current Selection
The current can be easily configured by choosing the correct combination of the DIP switches

| DIP switch |  | ■ 】 | 1 1 ¢ | 」「 $\dagger$ | 1 $\dagger$ | † $\downarrow$ | 甲 1 | †甲 | †甲 | T 1 |
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| TD－10－100－400－E1P1 | Output Current |  | 100 mA | 150 mA | 200 mA | 250 mA | 300 mA | 350 mA | 400 mA |  |
|  | Output Voltage |  | 10－45V | 10－45V | 10－45V | 10－40V | 10－33V | 10－28V | 10－25V |  |
|  | Output Power |  | 1－4．5W | 1．5－6．75W | 2－9W | 2．5－10W | 3－9．9W | 3．5－9．8W | 4－10W |  |
| TD－10－350－700－E1P1 | Output Current | 350 mA | 400 mA | 450 mA | 500 mA | 550 mA | 600 mA | 650 mA | 700 mA | ON OFF |
|  | Output Voltage | $3-24 \mathrm{~V}$ | $3-24 \mathrm{~V}$ | $3-22 \mathrm{~V}$ | $3-20 \mathrm{~V}$ | $3-18 \mathrm{~V}$ | 3－16V | $3-15 \mathrm{~V}$ | 3－14V |  |
|  | Output Power | $1.05-8.4 \mathrm{~W}$ | $1.2-9.6 \mathrm{~W}$ | 1．35－9．9W | 1．5－10W | $1.65-9.9 \mathrm{~W}$ | $1.8-9.6 \mathrm{~W}$ | 1．95－9．75W | 2．1－9．8W |  |

＊After current setting by DIP switch，power off and then power on to make the new current effective．
＊E．g．LED $3.2 \mathrm{~V} / \mathrm{pcs}:$
$3-24 \mathrm{~V}$ can power $1-7 \mathrm{pcs}$ LEDs in series， $3-14 \mathrm{~V}$ can power $1-4 \mathrm{pcs}$ LEDs in series，the maximum quantity of LEDs in series will be subject to the actual voltage of LED．

## Selecting between ordinary dimmer and dimming system

Ordinary dimmer and dimming system have different dimming precision，precision of dimming system is higher．To meet customers＇ requirements on perfect dimming effects，LTECH have designed two programme options．

Method：Turn off the power and then remove the housing of the LED driver to find right component on the PCB．Shift system by selecting different contact pin（For installation professionals use only）．Factory default as 1－2（For ordinary dimmer）．

## Wiring Diagram



## Dimensions

Unit：mm


