



## ■ Description

High cost performance, complies with Class 2 standard of electric shock protection. Features wide input voltage, flat and slim design, ideal for furniture or cabinet lighting applications in Europe and US markets. SELV. Provides open circuit, short circuit, overload, and overtemperature protection. Compliance with ERP directive. 5 years warranty.



## ■ Input

| Items           | Conditions  | Request   | Note    |
|-----------------|---|-----------|---------|
| Input voltage   | Ta  | 90-264Vac | -       |
| Input frequency |   | 50Hz/60Hz | -       |
| Input current   | 25°C, rated input voltage, output with max. rated power | < 0.55A   | -       |
| Input power     |   | <47.5W    | -       |
| Efficiency      |   | ≥ 86%     | -       |
| Standby         | 25°C, rated input voltage, output without load          | <0.5W     | Average |
| Inrush current  | 25°C, rated input voltage                               | <50A      | Peak    |
| PF              | 25°C, rated input voltage, output max. rated power      | ≥0.9      | -       |

## ■ Output

| Items                        | Conditions  | Request | Note |
|------------------------------|---|---------|------|
| Startup time                 | 25°C, rated input voltage, output with max. rated power | <1.0S   | -    |
| Output voltage and precision | Ta, rated input voltage, output with max. rated power   | 24V±5%  | -    |
| Output current range         | Ta, rated input voltage                                 | 0-1.67A | 40W  |
| Output voltage wave          | 25°C, rated input voltage output with max. rated power  | 240mV   | Vp-p |
| Output overload              | 25°C, rated input voltage, output with 2 times LED load | Yes     | -    |
| Output current and precision | Ta, rated input voltage, output with rated power        | -       | -    |
| Open circuit voltage         | Ta, rated input voltage, no load                        | -       | -    |
| Output current wave          | 25°C, rated input voltage, output max. rated power      | -       | Lp-p |
| Dimming mode                 | -   | -       | -    |
| Dimming range                | -   | -       | -    |

## ■ Temperate and others

| Items             | Conditions   | Request  | Note |
|-------------------|--|----------|------|
| Operation temp.   | -  | -20-45°C | -    |
| Relative humidity | -  | 45%-85%  | -    |
| Max. case temp.   | -  | 85°C     | -    |
| Lifetime          | Max. Ta, rated input voltage output with max. rated power  | 30,000hr | -    |
| Working noise     | 25°C, rated input voltage, output with rated power, mute box background noise < 35dB, pickup 10cm distance from products | < 35dB   | -    |

## ■ Mechanical, mounting

| Items                   | Conditions                              |
|-------------------------|---|
| Case material and size  | Plastic case                            |
| Mounting ways           | Independent                             |
| Insulation type         | Class II                                |
| IP grade                | IP20                                    |
| Input cables dimension  | 18 AWG, H03VVH2-F 2x0.75mm <sup>2</sup> |
| Output cables dimension | 18 AWG, H03VVH2-F 2x0.75mm <sup>2</sup> |
| Output cables length    | Max 2M                                  |

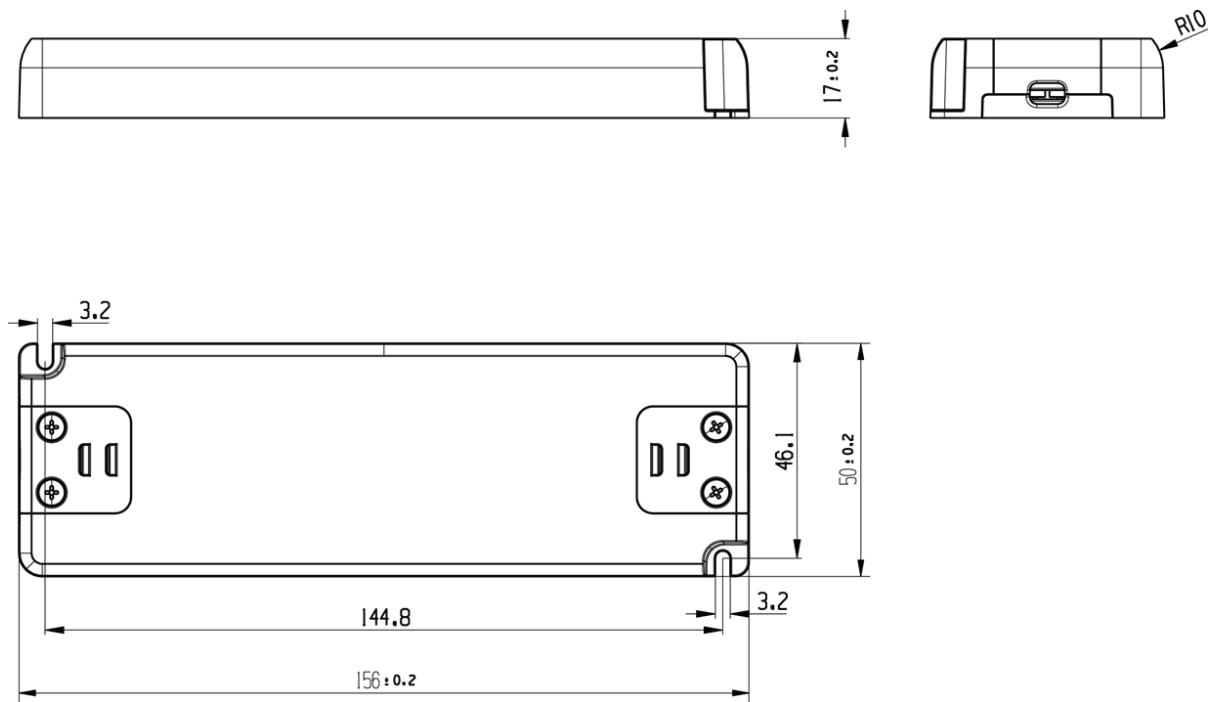
## ■ Protection

| Items            | Conditions  | Request | Note |
|------------------|---|---------|------|
| Open circuit     | Ta, rated input voltage, no load  | Yes     | -    |
| Over load        | Ta, 0.94-1.06 times of input voltage, 1.4 times of rated                              | Yes     | -    |
| Short circuit    | Ta, 0.94-1.06 times of input voltage  | Yes     | -    |
| Over temperature | Ta, 0.94-1.06 times of input voltage, temperature detected point more than 115 degree | Yes     | -    |
| Over voltage     | Ta, 0.94-1.06 times of input voltage, output voltage is 1.5 times of rated one        | Yes     | -    |
| Auto recovery    | Over load, short circuit, over heat revocation  | Yes     | -    |
| Latch off        | Over heat re-start after cut off  | Yes     | -    |

■ **Standard**

| Items    | Conditions                       |
|----------|----------------------------------|
| Safety   | IEC61347-1、IEC61347-2-13, UL8750 |
| Harmonic | IEC61000-3-2 Class C             |
| EMI      | IEC55015 FCC PART15 Class B      |
| EMS      | IEC61547                         |

■ **Mechanical Specification(Unit : mm)**



■ **Wiring Diagram**

