

## Instruction for the use of the LED power supply 0,5-15 W

### 47952

#### Applications

The LED power supply 47952 is exclusively designed for the Light Emitting Diode (LED) lamps indoor use. It is a switch mode power supply with 12V DC constant output voltage.

An electronic protection circuit switches off the power supply in case of short circuit or overload in the secondary circuit, overheat as well as open circuit. After the removing of the faults, the LED power supply is resetting automatically for operation again.

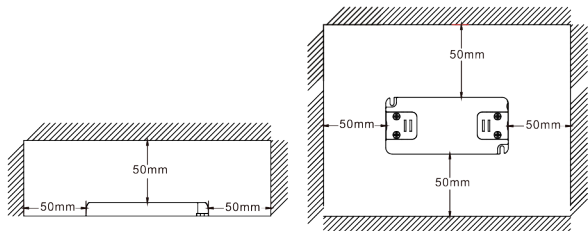
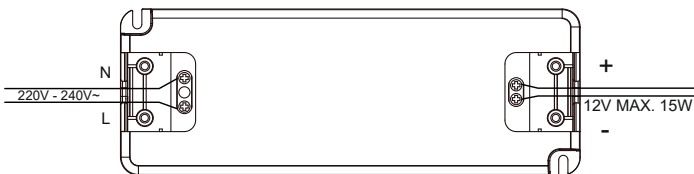
#### Import safety information

The unit conforms to the directive **2014/30/EU** for the electromagnetic compatibility and the low voltage directive **2014/35/EU**.

- The LED power supply can only be used with the LED lamps.

- The LED power supply is only suitable for indoor use. Protect the LED power supply against excessive heat (permissible operating temperature range -20 to +45°C).

#### Important information for the installation



- The loads indicated on the power supply must neither exceed nor below the following values:

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- Connect the LED lamps to the LED power supply with correct polarity according to the schematic drawing.

- The maximum length of the output cable to the LED lamps should not exceed 2m in order to meet the EMC standard.

- If the LED power supply is used for purposes other than originally intended or it is connected in the wrong way, no liability can be taken over for possible damages.

#### Specifications:

|                                 |                                    |
|---------------------------------|------------------------------------|
| Input voltage:                  | 220V-240V +/-10% 50/60 Hz          |
| Input current:                  | ~0,13 A                            |
| Output voltage:                 | 12V DC +/-0,5V                     |
| Output current:                 | max. 1,25 A                        |
| Rated power:                    | max. 15 W                          |
| Protection Marking:             | IP20                               |
| Ambient temperature <b>ta</b> : | max. -20° bis +45°C                |
| Case temperature <b>tc</b> :    | max. 85°C                          |
| Primary cable:                  | H03VVH2-F 2 x 0,75 mm <sup>2</sup> |
| Secondary cable:                | H03VVH2-F 2 x 0,75 mm <sup>2</sup> |
| Efficiency of full load:        | ≥83%                               |