

# Operating instructions for 24 Volt DC power supply SL-NTS24CV150W-CB

## Important! Please read this before use!

**Read this instructions carefully.** Any damage caused by failure to follow these instructions will void the warranty. We accept no liability for any consequential damage that results from this!

## WARNING:

Failure to observe the following points may result in electric shock, fire, serious accidents or death.

- All service and maintenance work may only be carried out by qualified personnel.
- The suitability of the assembly device must finally be tested on the final product.
- There are dangerous voltages inside the LED power supply. Therefore, the housing may only be opened by qualified personnel.
- Always ensure that the switching power supply is adequately ventilated and do not place any objects on it.
- This model is only suitable for use in dry locations.
- The corresponding IP 20 protection class must be observed!
- Do not operate on easily flammable surfaces!
- The device must not be used in conjunction with easily flammable or combustible liquids.
- Do not operate the device in an environment containing flammable gases, vapors or dust.

## Product description:

The SL-NTS24CV150W-CB is a power supply that may only be used to supply power to LEDs and sensors.

- Output-voltage: 24V DC at maximum 6.25 A (150 Watt @24V DC).
- Input voltage range: 200V AC to 240V AC.
- Safety features: short circuit protection and overload protection.
- Housing: plastic with protection class IP20.
- Supply cable: Decoupleable, length 1.8 m with Euro plug.
- Outputs: 10 pre-installed slots for SIRO LED receivers or SIRO LED lights.  
Each connection can be loaded with a maximum of 3 A.
- 1 x 2-pole screw contact with a maximum of 6 A for the direct connection of 2-pole LED lights without a plug connection.
- **The maximum output power of 150 watts or 6.25 A must not be exceeded!**
- Sensor connections: Two connections on the housing for wired sensors:
  - 1 x for use with SIRO Touch, Hidden Touch, PIR, Door, Double Door,... sensors
  - 1 x for sensors from common manufacturers

## Intended Use:

The power supply is used to generate a direct voltage of 24V from the mains voltage of 200 – 240V AC. It is to be used exclusively for LED lighting, sensors and 24V DC receivers. Any other use is not permitted.

### Input:

The Euro plug is connected to a 200 - 240V AC socket.

### Output:

The LED lighting is connected to the 10 pre-installed slots on the SIRO receiver or directly.

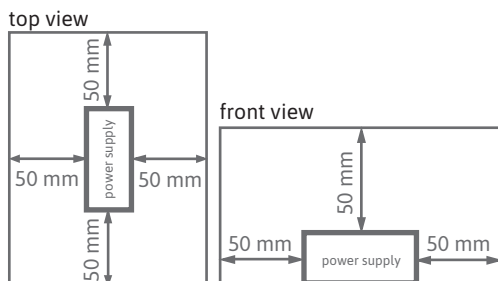
**Wired sensors must not be used in combination with PUSHPOWER receivers!**

Work on the mains connection may only be carried out by an authorized electrician in accordance with the ÖVE (VDE) regulations. Liability for the mains connection is excluded.

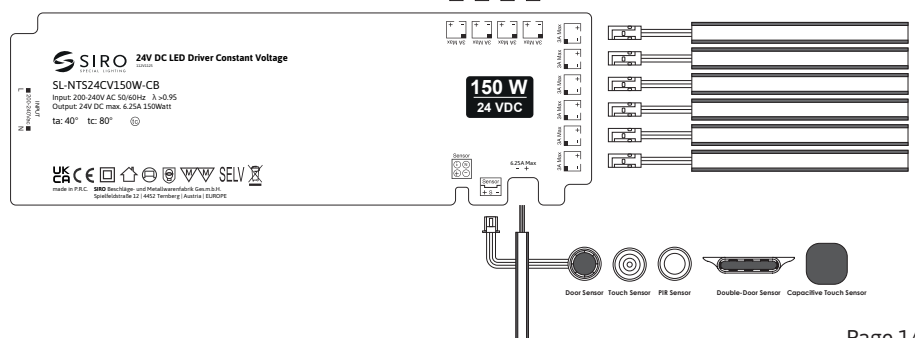
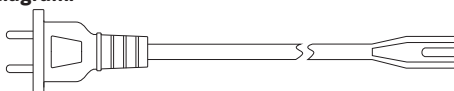
## Assembly instructions:

This power supply is designed for installation in or on furniture. The installation distances must be observed!

### Mounting distances:



### Connection diagram:



## Operating conditions:

- The device must not be placed near strong RF or magnetic fields, as this may lead to uncontrolled switching or flickering of the lamp.
- The permissible ambient temperature must not fall below or exceed -20°C to +45°C during operation.
- In commercial establishments, the accident prevention regulations of the Association of Industrial Accident Insurance Associations for electrical systems and equipment must be observed.
- If repairs are necessary, only original spare parts may be used.

## General safety instructions:

When handling products that come into contact with electrical voltage, the applicable ÖVE (VDE) regulations must be observed. Repairs may only be carried out when the device is disconnected from the supply voltage and electrical charges have been discharged. Live cables or lines must always be checked for insulation faults or breaks. If faults are found, the device must be taken out of service immediately.

## Technical data:

- Operating voltage: 200 - 240V~/50Hz/60Hz
- DC output: 24V/max. 6.25 A | 150 watt total
- Safety functions: short-circuit protection, overload protection
- Operating temperature: -20°C to +45°C
- Protection class: IP20

## Disturbance:

The device must be taken out of service if:

- It has visible damage.
- It is no longer functional.
- The connecting cables are damaged or loose.
- If you smell burning.
- The device starts flashing.

## Guarantee:





We provide a 2-year guarantee on the device. The guarantee includes a free replacement of the defective device in the event of material or manufacturing defects. It is only valid for end users who purchased the product through an authorized dealer. The warranty period begins on the date of the original invoice. Further claims are excluded.

## Claiming the guarantee:

Report the warranty claim to your dealer and describe the defect. Send the defective device with proof of purchase and send it with sufficient postage to your dealer with a description of the fault.

## Disposal:

Old electronic devices are recyclable materials and do not belong in household waste. Dispose of the device in accordance with the applicable legal Regulations at local collection points. Disposal via household waste is prohibited!

	Protection class 2		Short-circuit-proof safety transformer
	IP 20 for indoor use		Suitable for installation on normal flammable areas
	Independent operating device		Safety Extra Low Voltage

## Contact:

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