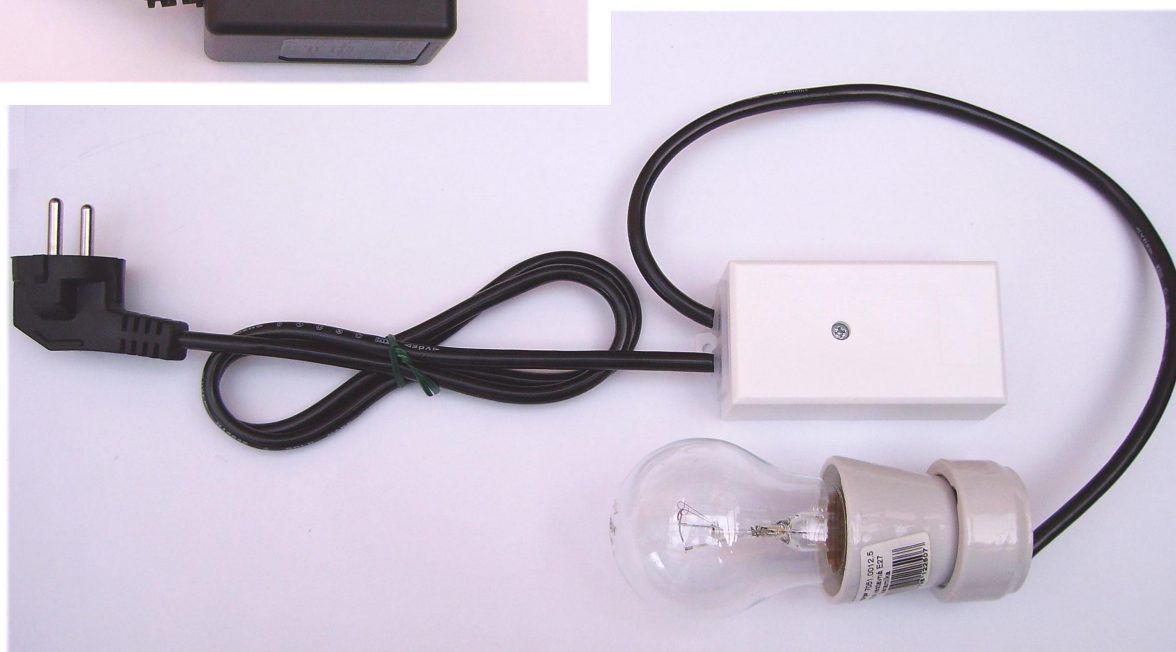
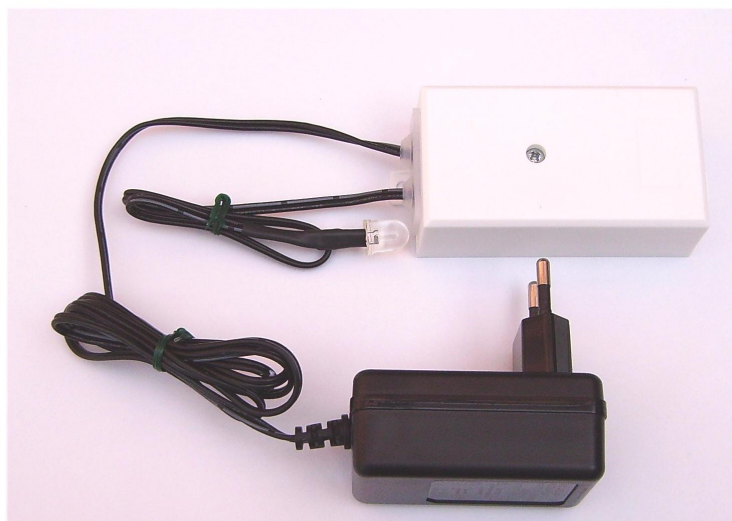


TSW

Universal Touch Switch



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Universal Touch Switch

The TSW Touch Switch is designed for contactless light control. It can be applied to lights powered from mains, as well as to LED lamps and LED strips powered by 12V DC supply.

Attention:

Never use both connection methods simultaneously. Choose either the connection for lights powered by mains, or the connection for LED lamps powered by 12V DC supply!

(Simultaneous connection don't work, risk of electric shock!)

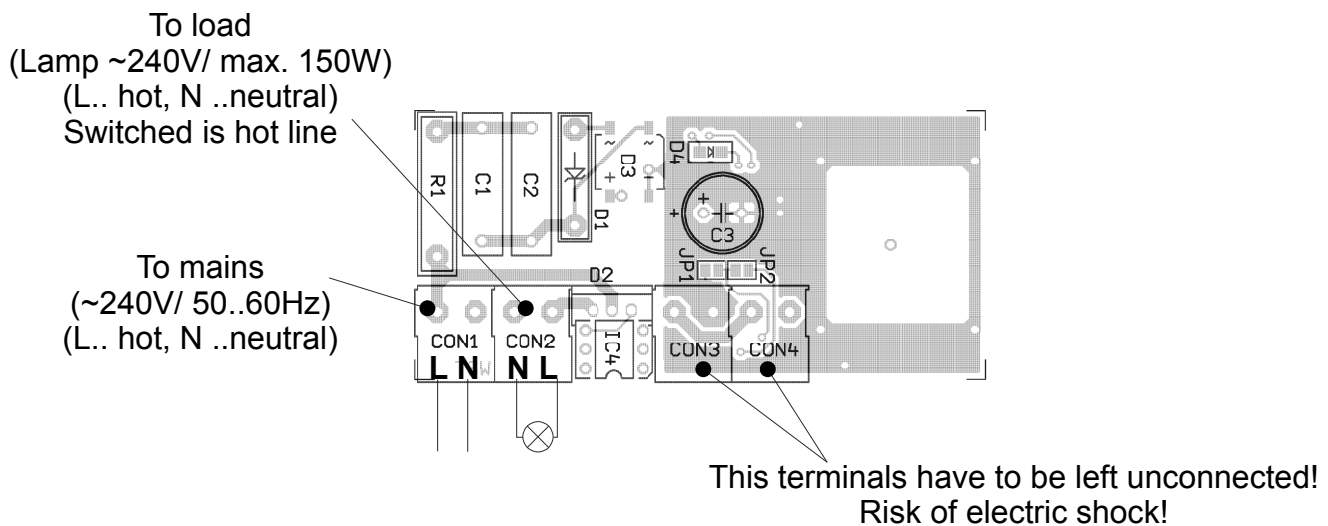
This switch can be installed only by authorized person.

Always use cable cover. Always apply case cover and fix it by screw!

Lights powered by mains (240V)

This mode enables user switch the light on by first touch and then switch it off by next touch on sensing pad.

Attention: In this mode, never connect the LED and 12V DC terminals. Risk of electric shock!



Don't forget to apply cable cover.
Then apply case over and fix it by screw.

Technical data

Mains, Load

Mains voltage: ~220..250V/ 50-60 Hz

Load: max. 150W, resistive character, switched at zero

Case: ABS 85x46x31 [mm], fixing by double side stick foil or by two screws

Sensing pad, sensitivity

Sensing pad is located on the top of the bottom case side.

Pad size: typ 20x20 [mm]

Sensitivity: typ. up to 5 mm for standard glass, (depends on material between case and finger).

Don't place metallic parts near the sensing pad and near the case.

Keep at least 5-10mm space between sensing pad and metallic parts (decrease sensitivity).

Risk of electric shock! Be careful!

Attention:

This product can be installed only by authorized person!

The manufacturer is not responsible for any damages or personal injury.

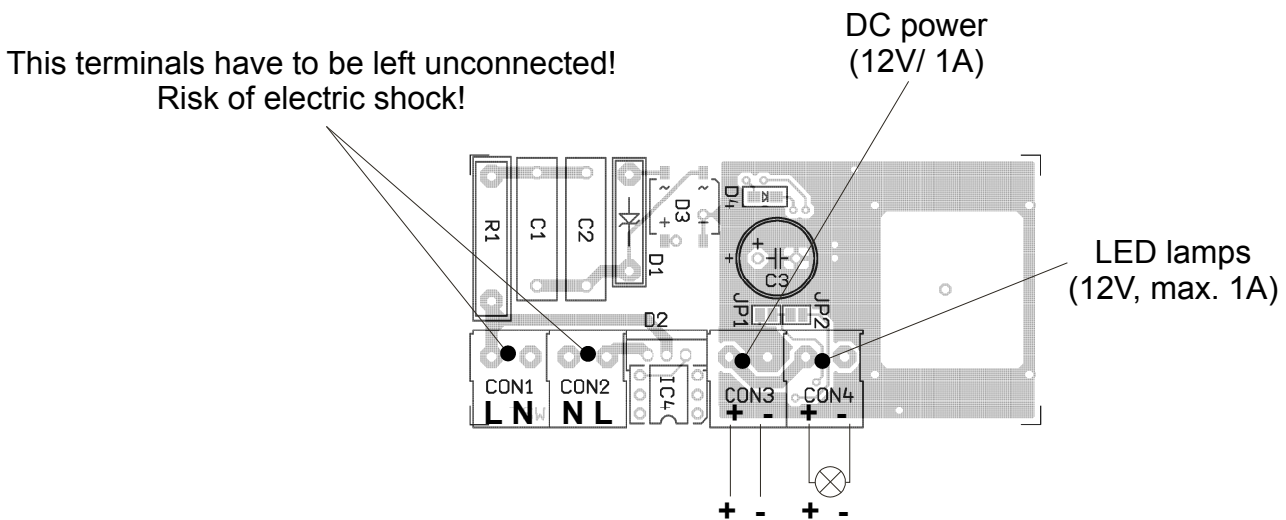
LED lamps and LED strips powered by 12V DC supply

When powered by 12V DC supply, the Touch Switch can control LED lamps and LED strips. The lamps start lit by first touch on sensing pad. By next touch it is switched off. LEDs are controlled by using soft dimming.

You can also set light intensity. When the LED lit, press touch pad and hold it until correct intensity is adjusted. Then remove your finger. This intensity will be stored to memory.

Attention:

**Never use both connection methods simultaneously. Choose either the connection for lights powered by mains, or the connection for LED lamps powered by 12V DC supply!
(Simultaneous connection don't work, risk of electric shock!)**



Don't forget to apply cable cover.
Then apply case over and fix it by screw.

Technical data

Power supply, Load

Power supply voltage: 8..16V

Load: max. 1A

Case: ABS 85x46x31 [mm], fixing by double side stick foil or by two screws

Sensing pad, sensitivity

Sensing pad is located on the top of the bottom case side.

Pad size: typ 20x20 [mm]

Sensitivity: typ. up to 5 mm for standard glass, (depends on material between case and finger).

Don't place metallic parts near the sensing pad and near the case.

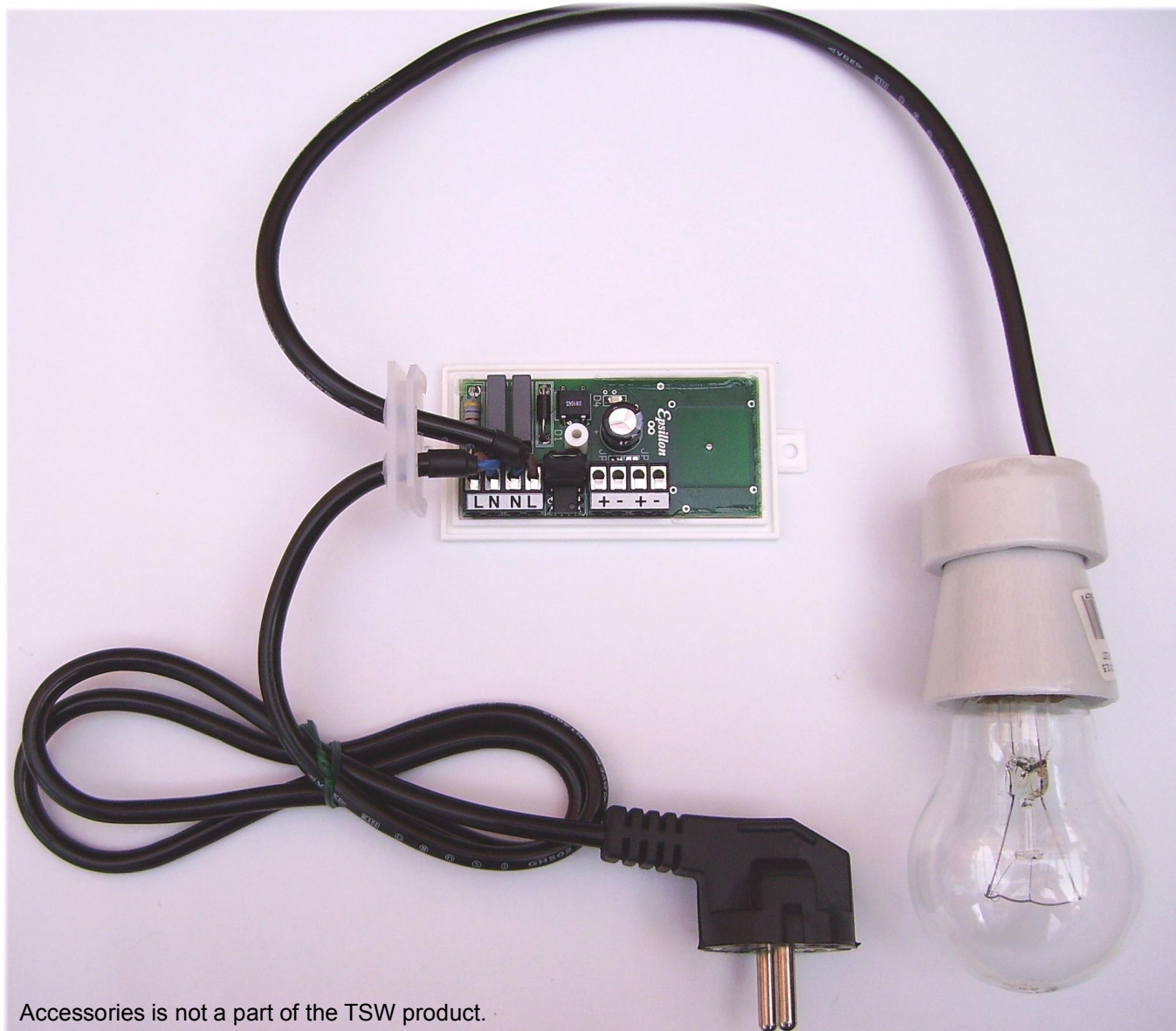
Keep at least 5-10 mm space between sensing pad and metallic parts (decrease sensitivity).

Attention:

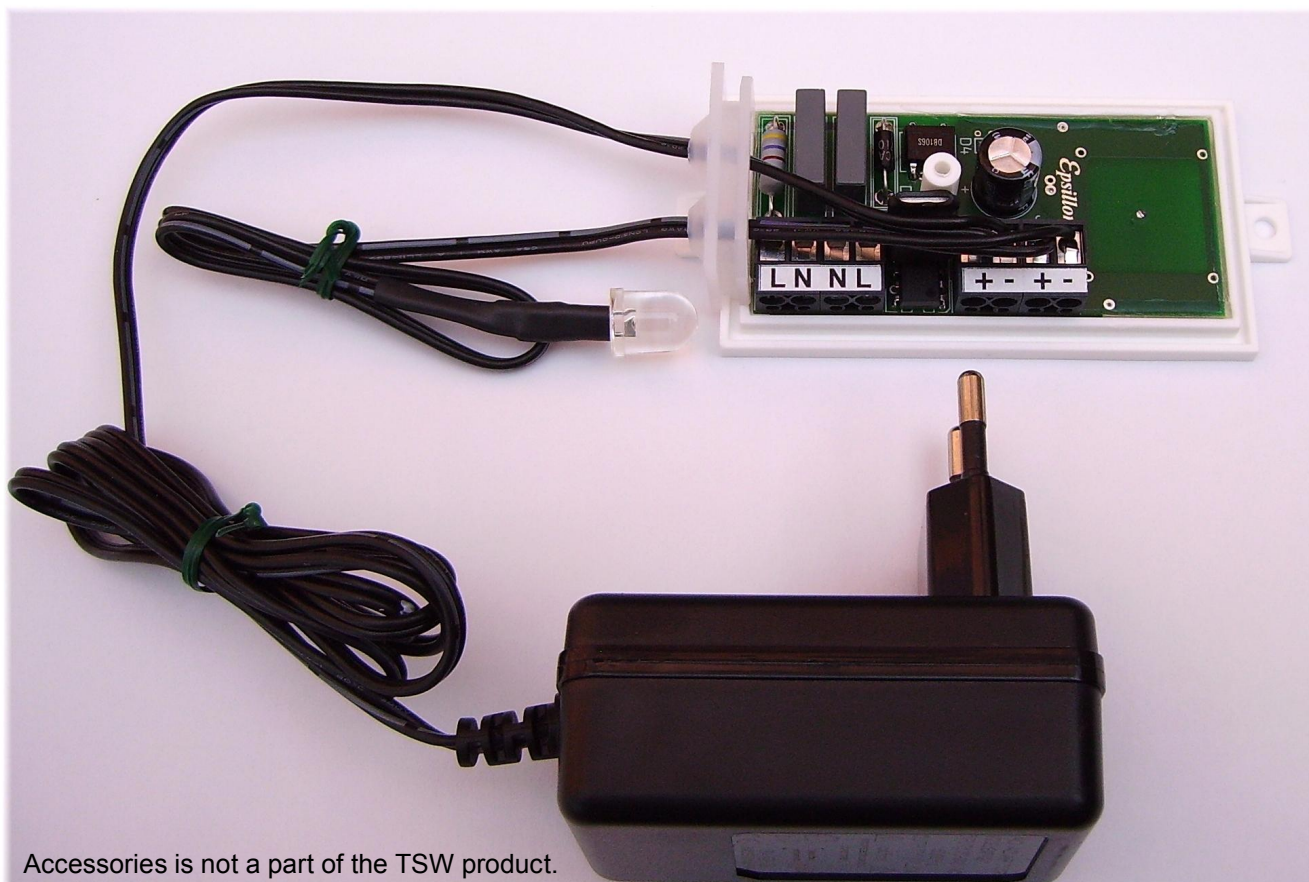
This product can be installed only by authorized person!

The manufacturer is not responsible for any damages or personal injury.

Annex A: Connection for loads powered by mains (240V)



Annex B: Connection for LED lamps and LED strips (12V DC)



Accessories is not a part of the TSW product.