

# Plugbox On/Off

## General description

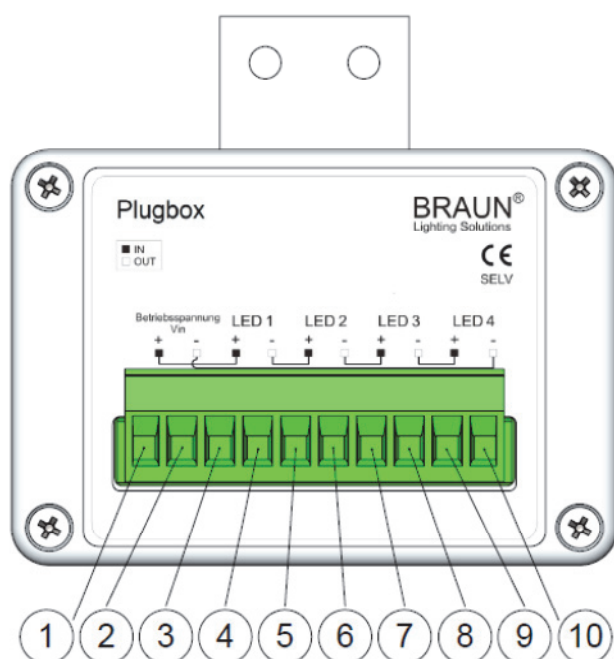
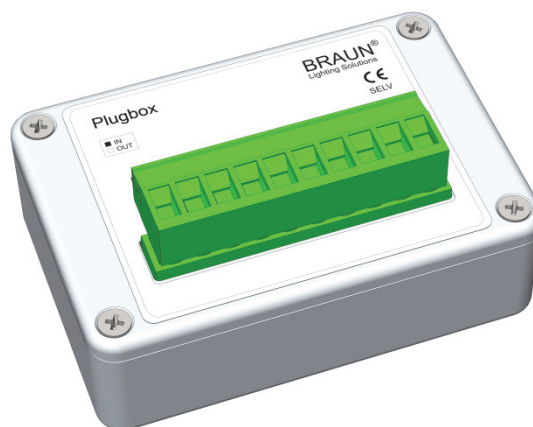
The Plugbox On/Off is a connection aid device for several LED modules (up to 4 modules) that are to be connected in series.

## Connections

All connections are designed as multi-pin plug connections, whereby all lines on the plug system must be connected via screw connections.

There is a 10-pin connector strip to which up to 4 LED modules as well as the power supply lines coming from the power supply unit can be connected.

The pin assignment is shown in the following overview.



| Connection | Function             |
|------------|----------------------|
| 1          | From supply unit (+) |
| 2          | From supply unit (-) |
| 3          | LED assembly 1 (+)   |
| 4          | LED assembly 1 (-)   |
| 5          | LED assembly 2 (+)   |
| 6          | LED assembly 2 (-)   |
| 7          | LED assembly 3 (+)   |
| 8          | LED assembly 3 (-)   |
| 9          | LED assembly 4 (+)   |
| 10         | LED assembly 4 (-)   |

Table 1: Pin Configuration

Figure 1: Pin Configuration

If not all LED module connections are used, the not connected module must be replaced by a short circuit bridge to close the circuit (all LEDs are connected in series).

Example:

If the LED module 2 from Table 1: Pin assignment is not used, a shorting bridge must be fitted to terminals 5 and 6. The parameters (e.g. minimum and maximum output voltage and thus number of LEDs) of the power supply unit used must be observed.

## **Technical Data**

- Housing dimensions H x W x D : ca. 40 x 114 x 64 mm
- Maximum wire cross section for connections: 2.5mm<sup>2</sup>

### **Note:**

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